WEEKLY BULLETINS OF MASS. STATE BOARD OF HEALTH

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Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 2, 1892.

AN OFFICIAL PUBLICATION OF THE

Mass. STATE BOARD OF HEALTH. Weekly Bulletin

CIRCULATION, 500 COPIES.

Price 25 Cents a Year.

VOL. ~~IX.~~ X No. 52.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

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For the Week ending Jan. 2, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

STATE HOUSE, BOSTON

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

Cities and Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	318	64	19	116	..	11	5
Worcester,	84,655	55	20	6	14	..	3	1
Lowell,	77,696	63	14	3	13	2	1	..
Fall River,	74,398	48	19	5	10	..	1	..
Cambridge,	70,028	45	10	2	13	1	1	..
Lynn,	55,727	..	..	..	..	..	..	..
Lawrence,	44,654	53	14	10	10	1	4	4
Springfield,	44,179	41	9	3	17	..	3	..
New Bedford,	40,733	34	9	1	6	..	1	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	19	2	1	3	..	..	1
Chelsea,	27,909	28	8	2	5	..	2	..
Haverhill,	27,412	30	6	2	3	..	2	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	17	4	..	2	..	..	..
Gloucester,	24,651	6	1	..	2	..	..	..
Newton,	24,379	14	..	1	3	..	1	..
Malden,	23,031	12	2	..	3	..	..	..
Fitchburg,	22,037	14	4	..	..	..	..	..
Waltham,	18,707	6	1	..	3	..	..	..
Pittsfield,	17,281	6	3	..	2	..	..	..
Quincy,	16,723	8	0	..	3	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	..	..	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	13	0	..	4	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	6	2	..	3	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	9	2	1	4	..	1	..
Peabody,	10,158	2	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,198,573	847	194	56	239	4	31	11

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 31; scarlet-fever, 11; diarrhœal diseases, 4; typhoid fever, 4; cerebro-spinal meningitis, 2; whooping-cough, 2; measles and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 239 deaths from acute lung diseases; consumption, 72; influenza, 42; and still-births, 25.

From typhoid fever: Fall River, 2; Boston and Lawrence, 1 each. From cerebro-spinal meningitis: Worcester, 2. From whooping-cough: Boston and Fall River, 1 each. From measles: Fall River, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 56 against 51 for the preceding week.

Deaths under five years of age numbered 194 against 178 for the preceding week.

The death rates for the week were: Boston, 36.87; Worcester, 33.77; Lowell, 42.14; Fall River, 61.90; Cambridge, 33.31; Lynn, ——; Lawrence, 61.71; Springfield, 48.25; New Bedford, 43.40; Somerville, ——; Holyoke, ——; Salem, 32.07; Chelsea, 52.16; Haverhill, 56.90; Brockton, ——; Taunton, 34.74; Gloucester, 12.63; Newton, 30.86; Malden, 27.09; Fitchburg, 33.03; Waltham, 16.67; Pittsfield, 18.05; Quincy, 24.87; Northampton ——; Chicopee, ——; Newburyport, 48.36; Marlborough, ——; Woburn, ——.

The total death rate for the week was 36.75 against 29.95 and 22.94 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 2, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Dec. 27,	29.94	35.5	38	33	49	62	56.0	W.	W.	20	8	C.	O.		0.03
Monday, 28,	30.32	31.5	36	27	61	51	56.0	N. W.	N. E.	8	7	C.	C.		0.00
Tuesday, 29,	30.20	34.5	47	29	72	86	79.0	S. E.	S.	15	30	O.	R.		0.01
Wednes'y, 30,	29.73	38.5	45	32	96	46	71.0	N. W.	N. W.	16	36	R.	C.		1.21
Thursday, 31,	30.44	24.0	32	17	47	32	40.0	N. W.	N. W.	19	18	C.	O.		0.00
Friday, Jan. 1,	30.34	33.0	41	25	31	51	41.0	N. W.	S.	4	9	C.	C.		0.00
Saturday, 2,	29.73	44.0	55	33	79	96	88.0	S.	S. E.	13	39	O.	R.		0.73
Week, - -	30.10	34.6	42	28	62	61	62.0			14.0	21.0				0.283

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 10 smaller towns of Massachusetts, as reported to the State Board of Health for the month of December.

The total death-rate of reporting towns for the month was 12.12.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diphtheria and Croup.	Typhoid Fever.
Stoneham,	6,035	5	0	..	..	1	..	..
Middleborough,	5,233	16	0	1	2	1	..	1
Concord,	4,457	4	0	..	..	1	..	..
Easton,	4,439	6	2	2	..	..	2	..
Merrimac,	2,492	5	1	..	..	..	..	..
Norton,	1,785	4	0	..	..	1	..	..
Groton,	2,037	1	0	..	..	..	..	..
Shrewsbury,	1,450	3	0	..	1	..	..	..
Topsfield,	1,141	1	0	..	..	..	..	..
Truro,	972	2	0	..	..	..	..	..
Total of reporting towns,	30,041	47	3	3	3	4	2	1

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 9, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of December.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.
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VOL. X. No. 1.

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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 9, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	339	76	19	117	..	8	7
Worcester,	84,655	64	18	6	19	..	6	..
Lowell,	77,696	64	20	9	15	2	..	1
Fall River,	74,398	37	11	..	12	..	..	..
Cambridge,	70,028	52	13	2	14	..	2	..
Lynn,	55,727	38	5	2	14	..	..	..
Lawrence,	44,654	33	11	3	5	2	1	..
Springfield,	44,179	28	5	5	12	..	2	1
New Bedford,	40,733	30	9	1	4	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	23	5	..	7	..	..	..
Chelsea,	27,909	18	1	..	7	..	..	..
Haverhill,	27,412	26	4	1	4	1	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	..	..	..	..	..	..	..
Gloucester,	24,651	11	2	1	4	..	1	..
Newton,	24,379	16	0	..	3	..	..	..
Malden,	23,031	9	0	..	2	..	..	..
Fitchburg,	22,037	14	3	..	3	..	..	..
Waltham,	18,707	11	2	1	2	..	..	1
Pittsfield,	17,281	9	1	..	..	..	..	..
Quincy,	16,723	10	3	2	1	..	2	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	..	..	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	14	2	..	4	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	5	2	1	2	..	1	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	2	0	2	1	1	1	..
Peabody,	10,158	4	0	..	2	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,218,855	857	193	55	254	6	24	10

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 24; scarlet-fever, 10; diarrhœal diseases, 6; typhoid fever, 5; whooping-cough, 3; cerebro-spinal meningitis, 3; erysipelas, 2; puerperal fever and measles, each 1.

There were 254 deaths from acute lung diseases; consumption, 85; influenza, 66; and still-births, 15.

From typhoid fever: Lowell, 4; Springfield, 1. From whooping-cough: Boston, 2; New Bedford, 1. From cerebro-spinal meningitis: Lynn, 2; Lowell, 1. From erysipelas: Boston and Lowell, 1 each. From puerperal fever: Springfield, 1. From measles: Boston, 1.

Deaths from the principal infectious diseases numbered 55 against 56 for the preceding week.

Deaths under five years of age numbered 193 against 194 for the preceding week.

Cases reported in Boston: scarlet-fever, 68; diphtheria, 39; measles, 11; and typhoid fever, 7.

The death rates for the week were: Boston, 39.30; Worcester, 39.29; Lowell, 42.71; Fall River, 25.85; Cambridge, 38.61; Lynn, 35.45; Lawrence, 38.42; Springfield, 32.95; New Bedford, 38.29; Somerville, ——; Holyoke, ——; Salem, 38.82; Chelsea, 33.53; Haverhill, 49.31; Brockton, ——; Taunton, ——; Gloucester, 23.16; Newton, 34.12; Malden, 20.32; Fitchburg, 33.03; Waltham, 30.56; Pittsfield, 27.08; Quincy, 31.09; Northampton, ——; Chicopee, ——; Newburyport, 52.19; Marlborough, ——; Woburn, ——.

The total death rate for the week was 36.56 against 36.75 and 29.95 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 9, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	29.65	40.0	45	35	80	58	69.0	S.	S.W.	11	9	O.	C.		0.58
Monday, 4,	29.54	26.0	31	22	62	67	65.0	W.	W.	16	20	C.	O.		0.00
Tuesday, 5,	29.73	26.0	33	20	73	59	66.0	W.	W.	11	12	F.	C.		0.00
Wednes'y, 6,	29.53	28.0	37	20	74	100	87.0	N.	N. W.	9	12	O.	R.		0.50
Thursday, 7,	29.65	30.0	33	26	77	61	69.0	S. W.	W.	13	9	C.	C.		0.01
Friday, 8,	30.11	27.0	34	22	76	52	64.0	S. W.	S W.	12	10	F.	C		0.00
Saturday, 9,	30.32	30.0	37	23	68	73	70.0	S.	W.	7	7	O.	C.		0.05
Week, - -	29.79	29.6	36	24	73	69	70.0			11.0	11.0				0.163

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of December: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	97	73	170	Maple Syrup, . .	8	2	10
Butter, . . .	11	4	15	Canned Goods, .	2	0	2
Cheese, . . .	1	..	1	Honey, . . .	8	4	12
Lard, . . .	5	..	5	Tea, . . .	6	0	6
Olive Oil, . . .	2	..	2	Coffee, . . .	8	2	10
Vinegar, . . .	..	..	..	Cocoa, . . .	..	..	..
Spices, . . .	79	16	95	Confectionery, .	4	0	4
Cream of Tartar, .	23	4	27	Other articles of Food and Drinks,	10	2	12
Molasses, . . .	13	..	13	Drugs, . . .	15	16	31
Syrups, . . .	1	..	1				
Maple Sugar, . .	1	..	1				
				Totals, . .	294	123	417

Percentage of adulteration, 29.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 42.9.

A London mustard, bearing the motto "Domine dirige Nos," contained only a trace of mustard.

Twenty-five complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Of these there were for violation of statutes relating to the sale of Milk and Butter, each five; of Cream of Tartar, four; of Coffee, Honey, Mustard and Pepper, each two; of Cloves, Cassia and Ginger, each one. In twenty-four cases the parties were convicted. Fines were imposed amounting to $1,035.

The samples of drugs found to be adulterated were Alcohol, Brandy, Citrate of Iron and Quinine, Extract of Licorice, Oriental Cream, Red Wine, Subcarbonate of Bismuth and White Wine.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Fall River, Cambridge, Springfield, New Bedford, Somerville, Holyoke, Salem, Chelsea, Taunton, Gloucester, Newton, Fitchburg, Northampton, Marlborough, Woburn, Abington, Amherst, Brookline, Danvers, Natick, Reading, Ware and Watertown.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 16, 1892.

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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 16, 1892.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	286	66	20	106	1	10	5
Worcester,	84,655	52	13	5	18	..	4	..
Lowell,	77,696	76	22	8	19	3	..	1
Fall River,	74,398	50	12	2	18	..	..	..
Cambridge,	70,028	33	9	5	7	1	2	1
Lynn,	55,727	39	8	1	14	..	..	..
Lawrence,	44,654	34	11	3	9	1	..	..
Springfield,	44,179	33	3	1	10	..	1	..
New Bedford,	40,733	22	7	..	1	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	32	5	..	5	..	..	..
Chelsea,	27,909	24	..	3	10	1	2	..
Haverhill,	27,412	15	1	1	1	1	..	..
Brockton,	27,294	..	..	..	..	..	..	..
* Taunton,	25,445	25	3	..	9	..	..	..
Gloucester,	24,651	9	3	1	1	..	..	..
Newton,	24,379	7	1	..	3	..	..	..
Malden,	23,031	20	5	1	3	..	..	..
Fitchburg,	22,037	8	1	..	3	..	..	..
Waltham,	18,707	10	2	..	2	..	..	..
Pittsfield,	17,281	4	2	..	3	..	..	..
Quincy,	16,723	11	3	..	3	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	..	..	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	17	2	2	6	..	1	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	5	1	1	..	..	..	1
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	5	2	1	2	..	..	..
Peabody,	10,158	6	0	..	4	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,244,300	823	182	55	257	8	20	8

* For the two weeks ending January 16.

DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 20; typhoid fever, 8; scarlet-fever, 8; diarrhœal diseases, 8; cerebro-spinal meningitis, 5; erysipelas, 3; whooping-cough, 3.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 257 deaths from acute lung diseases: consumption, 74; and La Grippe, 39.

From diarrhœal diseases: Boston and Fall River, 2 each; Worcester, Lowell, Cambridge and Lawrence, 1 each. From cerebro-spinal meningitis: Lowell, 2; Boston, Lynn and Lawrence, 1 each. From erysipelas: Boston, Lowell and Hyde Park, 1 each. From whooping-cough: Gloucester, Malden and Newburyport, 1 each.

Deaths from the principal infectious diseases numbered 55 the same as for the preceding week.

Deaths under five years of age numbered 182 against 193 for the preceding week.

Cases reported in Boston: scarlet-fever, 63; diphtheria, 26; measles 10; and typhoid fever, 4.

The death rates for the week were: Boston, 33.16; Worcester, 31.92; Lowell, 50.84; Fall River, 34.94; Cambridge, 24.50; Lynn, 36.39; Lawrence, 39.58; Springfield, 38.84; New Bedford, 28.08; Somerville,——; Holyoke, ——; Salem, 54.01: Chelsea, 44.71; Haverhill, 28.45; Brockton,——; * Taunton, 41.09; Gloucester, 18.95; Newton, 14.93; Malden, 45.15: Fitchburg, 18.87: Waltham, 27.79; Pittsfield, 12.03; Quincy, 34.19; North Adams, ——: Northampton, ——; Chicopee, ——; Newburyport, 63.37; Marlborough, ——; Woburn, ——.

The total death rate for the week was 34.39 against 36.56 and 36.75 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

* For two weeks.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 16, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	30.61	21.5	27	16	70	46	58.0	N. W.	N.	8	15	C.	O.		0.00
Monday, 11,	30.59	23.0	26	20	86	94	90.0	N.	N.	24	16	N.	N.		0.05
Tuesday, 12,	30.41	30.0	35	25	100	100	100.0	N. W.	N. W.	10	8	R.	R.		0.07
Wednes'y, 13,	30.14	37.0	41	33	100	96	98.0	E.	N. W.	5	2	R.	O.		1.07
Thursday, 14,	29.99	50.5	63	38	100	91	96.0	S. W.	S. W.	22	12	O.	O.		0.06
Friday, 15,	30.15	30.5	36	25	91	94	93.0	N.	N. W.	14	13	R.	N.		0.48
Saturday, 16,	30.47	19.5	25	14	77	66	72.0	N. W.	N. W.	15	10	O.	C.		Trace.
Week, - -	30.34	30.3	36.1	24.4	89.1	83.9	86.7			14.0	11.0				0.247

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 23, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

Price 25 Cents a Year.

VOL. X. No. 3.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 23, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	258	67	17	79	..	6	7
Worcester,	84,655	35	10	2	6	..	2	..
Lowell,	77,696	77	18	5	19	3	1	..
Fall River,	74,398	44	20	4	15	..	1	..
Cambridge,	70,028	25	6	3	4	..	3	..
Lynn,	55,727	27	2	..	7	..	..	..
Lawrence,	44,654	30	2	5	4	3	..	2
Springfield,	44,179	25	5	4	8	1	1	..
New Bedford,	40,733	18	3	..	2	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	27	6	..	..	..	..	..
Chelsea,	27,909	13	..	2	4	..	2	..
Haverhill,	27,412	6	1	1	..	1	..	..
Brockton,	27,294	..	..	..	..	..	..	..
* Taunton,	25,445	..	..	..	..	..	..	..
Gloucester,	24,651	12	3	..	2	..	..	..
Newton,	24,379	10	1	1	4	1	..	..
Malden,	23,031	8	1	2	3	..	..	..
Fitchburg,	22,037	11	4	..	2	..	..	..
Waltham,	18,707	11	1	..	6	..	..	..
Pittsfield,	17,281	3	0	..	1	..	..	..
Quincy,	16,723	9	2	1	..	..	1	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	..	..	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	14	2	4	..	..	3	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	3	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly.	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	3	0	..	2	..	..	..
Peabody,	10,158	5	0	1	..	1	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,218,855	674	154	52	168	10	20	9

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 20; typhoid fever, 10; scarlet-fever, 9; whooping-cough, 6; diarrhœal diseases, 5; erysipelas, 1; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 168 deaths from acute lung diseases; consumption, 71; influenza, 50; and still-births, 29.

From whooping-cough: Fall River, 3; Boston, 2; Newburyport, 1. From diarrhœal diseases: Springfield and Malden, 2 each; Boston, 1. From erysipelas: Boston, 1. From cerebro-spinal meningitis: Boston, 1.

Deaths from the principal infectious diseases numbered 52 against 55 for the preceding week.

Deaths under five years of age numbered 154 against 182 for the preceding week.

Cases reported in Boston: scarlet-fever, 74; diphtheria, 15; measles, 8; and typhoid fever, 5

The death rates for the week were: Boston, 29.91; Worcester, 21.49; Lowell, 51.51; Fall River, 30.74; Cambridge, 18.55; Lynn, 25.19; Lawrence, 34.93; Springfield, 29.92; New Bedford, 22.97; Somerville, ——; Holyoke, ——; Salem, 45.57; Chelsea, 24.21; Haverhill, 11.38; Brockton, ——; Taunton, ——; Gloucester, 25.27; Newton, 21.32; Malden, 18.16; Fitchburg, 26.05; Waltham, 30.56; Pittsfield, 9.02; Quincy, 27.98; Northampton, ——; Chicopee, ——; Newburyport, 52.19; Marlborough, ——; Woburn, ——.

The total death rate for the week was 28.75 against 34.39 and 36.56 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 23, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	30.64	20.0	31	9.0	77	72	74.0	N.W.	S.	7	12	C.	O.		0.00
Monday, 18,	30.29	38.0	48	28.0	76	89	83.0	S.W.	S.	4	15	O.	R.		0.04
Tuesday, 19,	29.83	37.0	50	24.0	86	94	90.0	W.	N.W.	12	20	O.	N.		0.91
Wednes'y, 20,	30.23	12.5	17	8.0	80	63	72.0	N.W.	N.	15	4	F.	C.		0.09
Thursday, 21,	30.20	18.5	28	9.0	74	62	68.0	S.W.	W.	8	11	O.	C.		0.00
Friday, 22,	30.21	25.0	34	16.0	72	71	72.0	S.	S.W.	5	17	O.	O		0.00
Saturday, 23,	29.74	37.5	42	33.0	72	68	70.0	S.W.	W.	12	12	F.	F.		0.00
Week, - -	30.16	26.9	36.0	18.0	77.0	74.0	76.0			9.0	13.0				0.149

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 30, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

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VOL. X. No. 4.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 30, 1892.

Deaths reported to the State Board of Health in 21 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	225	50	16	56	1	7	6
Worcester,	84,655	30	7	3	8	..	1	..
Lowell,	77,696	67	27	6	18	2	1	..
Cambridge,	70,028	38	14	1	9	..	1	..
Lynn,	55,727	22	5	3	8	..	..	..
Lawrence,	44,654	28	3	6	3	1	2	2
Springfield,	44,179	19	4	4	3	..	2	..
New Bedford,	40,733	21	7	2	..	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	19	3	..	3	..	..	..
Chelsea,	27,909	16	3	1	3	..	1	..
Haverhill,	27,412	12	1	1	..	..	..	..
Taunton,	25,445	15	3	1	2	..	1	..
Gloucester,	24,651	12	3	2	2	..	..	..
Newton,	24,379	5	3	..	1	..	..	..
Malden,	23,031	14	2	3	3	1	..	2
Fitchburg,	22,037	11	4	..	3	..	..	..
Waltham,	18,707	3	0	..	..	..	..	..
Pittsfield,	17,281	..	..	..	..	..	..	..
Quincy,	16,723	10	4	..	1	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	..	..	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	6	2	2	..	..	2	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	1	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	..	..	..	..	..	..	..
Peabody,	10,158	1	0	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,142,428	575	145	51	124	5	18	10

DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 18; scarlet-fever, 10; cerebro-spinal meningitis, 7; typhoid fever, 5; whooping-cough, 5; diarrhœal diseases, 3; puerperal fever, 1; erysipelas, 1.

No deaths were reported from small-pox and malarial fever.

There were 124 deaths from acute lung diseases; consumption, 68; influenza, 37; and still-births, 28.

From cerebro-spinal meningitis: Lynn, 3; Worcester, 2; Lawrence and New Bedford, 1 each. From whooping-cough: Springfield and Gloucester, 2 each; Boston, 1. From diarrhœal diseases: Lowell, 2; Haverhill, 1. From puerperal fever: Boston, 1. From erysipelas: New Bedford, 1.

Deaths from the principal infectious diseases numbered 51 against 52 for the preceding week.

Deaths under five years of age numbered 145 against 154 for the preceding week.

Cases reported in Boston: scarlet-fever, 77; measles, 19; diphtheria, 11; and typhoid fever, 3.

The death rates for the week were: Boston, 26.07; Worcester, 18.42; Lowell, 44.82; Fall River, ——; Cambridge, 28.21; Lynn, 21.84; Lawrence, 32.60; Springfield, 22.36; New Bedford, 48.08; Somerville, ——; Holyoke, ——; Salem, 32.07; Chelsea, 29.80; Haverhill, 22.76; Brockton, ——; Taunton, 30 65; Gloucester, 25.27; Newton, 10.66; Malden, 31.60; Fitchburg, 25.95; Waltham, 8.33; Pittsfield, ——; Quincy, 31.09; Northampton, ——; Chicopee, ——; Newburyport, 22.36; Marlborough, ——; Woburn, ——.

The total death rate for the week was 26.17 against 28.75 and 34.39 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 30, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	29.76	22.5	28	17.0	65	56		61.0	N.W.	S.		11	12		C.	O.			0.00
Monday, 25,	29.45	36.0	46	26.0	77	70		74.0	S.W.	S.W.		14	10		O.	O.			0.01
Tuesday, 26,	29.50	15.5	28	3.0	61	64		63.0	N.W.	W.		24	31		F.	C.			0.00
Wednes'y, 27,	29.95	10.5	20	1.0	59	57		58.0	N.W.	N.W.		27	19		C.	C.			0.01
Thursday, 28,	29.93	21.0	30	12.0	70	48		59.0	W.	S.W.		15	12		O.	O.			0.00
Friday, 29,	29.86	32.0	35	29.0	73	76		75.0	W.	S.E.		4	9		O.	O.			0.00
Saturday, 30,	29.98	28.0	36	21.0	72	73		73.0	N.E.	N.		29	20		O.	O.			0.01
Week, - -	29.78	23.6	31.9	15.6	68.1	63.4		66.1				19.9	16.1						0.0043

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 6, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

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F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 6, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall estcem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	185	55	18	39	1	5	7
Worcester,	84,655	25	8	6	16	..	2	2
Lowell,	77,696	53	10	4	15	2	..	..
Cambridge,	70,028	20	9	3	2	..	3	..
Lynn,	55,727	14	10	3	4	1	1	..
Lawrence,	44,654	24	3	2	3	1	..	..
Springfield,	44,179	15	5	1	3	..	..	..
New Bedford,	40,733	..	..	..	..	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	20	6	2	..	..	..	1
Chelsea,	27,909	15	9	4	1	..	3	1
Haverhill,	27,412	9	2	..	..	..	..	..
Taunton,	25,445	7	3	1	..	..	..	..
Gloucester,	24,651	9	3	2	1	..	..	..
Newton,	24,379	5	2	1	..	1	..	..
Malden,	23,031	8	1	..	1	..	..	..
Fitchburg,	22,037	8	2	..	..	..	..	..
Waltham,	18,707	7	0	..	2	..	..	..
Pittsfield,	17,281	6	1	..	5	..	..	..
Quincy,	16,723	5	3	1	1	..	..	..
North Adams,	16,074	..	..	1	..	..	..	..
Northampton,	14,990	6	2	1	2	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	3	1	..	2	..	1	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	1	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	3	2	1	..	..	..	..
Peabody,	10,158	3	1	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,144,159	451	138	50	97	6	15	11

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty deaths were reported from the principal infectious diseases: diphtheria and croup, 15; scarlet-fever, 11; typhoid fever, 6; cerebro-spinal meningitis, 5; whooping-cough, 5; erysipelas, 3; diarrhœal diseases, 3; puerperal fever, 2.

No deaths were reported from small-pox, malarial fever and measles.

There were 97 deaths from acute lung diseases; consumption, 58; influenza, 24; and still-births, 17.

From cerebro-spinal meningitis: Worcester, Salem, Taunton, Gloucester and Quincy, 1 each. From whooping-cough: Boston, 3; Gloucester and Quincy, 1 each. From erysipelas: Boston, Springfield and Northampton, 1 each. From diarrhœal diseases: Lowell, 2; Worcester, 1. From puerperal fever: Boston and Lawrence, 1 each.

Deaths from the principal infectious diseases numbered 50 against 51 for the preceding week.

Deaths under five years of age numbered 138 against 145 for the preceding week.

Cases reported in Boston: scarlet-fever, 59; diphtheria, 21; measles, 12; and typhoid fever, 12.

The death rates for the week were: Boston, 21.45; Worcester, 15.35; Lowell, 35.45; Fall River, ——; Cambridge, 14.85; Lynn, 13.06; Lawrence, 27.94; Springfield, 17.65; New Bedford, ——; Somerville, ——; Holyoke, ——; Salem, 33.76; Chelsea, 27.94; Haverhill, 17.07; Brockton, ——; Taunton, 14 30; Gloucester, 18.95; Newton, 10.66; Malden, 18.06; Fitchburg, 18.87; Waltham, 19.45; Pittsfield, 18.05; Quincy, 15.54; Northampton, 20.81; North Adams, ——; Chicopee, ——; Newburyport, 11.18; Marlborough, ——; Woburn, ——.

The total death rate for the week was 20.49 against 26.17 and 28.75 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 6, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
January Sunday, 31,	29.93	26.0	37	15.0	64	38	51.0	N. W.	N. W.	12	15	F.	C.		0.00
February Monday, 1,	29.98	33.0	42	24.0	61	63	62.0	W.	W.	12	11	O.	O.		0.00
Tuesday, 2,	30.00	35.5	38	33.0	65	100	82.0	N. W.	E.	10	12	O.	N.		0.20
Wednes'y, 3,	29.80	33.0	35	31.0	95	95	95.0	N.	N.	10	13	N.	O.		0.93
Thursday, 4,	29.96	31.0	35	27.0	78	67	72.0	W.	N. W.	12	10	F.	C.		0.00
Friday, 5,	30.00	22.0	29	15.0	84	73	79.0	N. W.	N. W.	12	16	C.	O.		0.00
Saturday, 6,	30.29	18.5	27	10.0	70	58	64.0	N. W.	W.	12	9	C.	C.		0.00
Week, - -	29.99	28.4	34.7	22.1	73.9	70.6	72.1			11.4	12.3				0.16

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 13 smaller towns of Massachusetts, as reported to the State Board of Health for the month of January.

The total death-rate of reporting towns for the month was 25.38.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption	Diphtheria and Croup.	Whooping Cough.
Stoneham,	6,035	8	1	2	3	1	2	..
Middleborough,	5,233	7	1	..	2	2	..	..
Westborough,	5,195	9	0	..	4	..	..	..
Concord,	4,457	10	1	..	7	..	..	..
Easton,	4,439	12	7	3	4	1	2	1
Hudson,	4,185	9	2	1	1	1	1	..
Wrentham,	2,892	2	1	..	..	..	..	..
Merrimac,	2,892	6	1	..	1	..	..	..
Groton,	2,037	7	0	..	3	..	..	..
Norton,	1,785	3	0	..	..	1	..	..
Shrewsbury,	1,450	10	0	..	4	..	..	..
Truro,	972	3	0	..	..	..	..	..
	545	3	0	..	..	..	..	..
Total of reporting towns,	42,117	89	14	6	29	6	5	1

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 13, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of January.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

Price 25 Cents a Year.

VOL. X. No. 6.

STATE BOARD OF HEALTH.

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Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 13, 1892.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	194	58	17	46	3	6	3
Worcester,	84,655	32	9	3	4	..	3	..
Lowell,	77,696	50	22	6	12	3	..	..
Fall River,	74,398	33	13	2	10	..	2	..
Cambridge,	70,028	20	6	2	3	..	2	..
Lynn,	55,727	15	3	..	2	..	..	..
Lawrence,	44,654	27	3	6	4	2	..	3
Springfield,	44,179	16	3	3	2	1	2	..
New Bedford,	40,733	14	6	1	2	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	12	1	1	1	..	1	..
Chelsea,	27,909	11	4	1	..	..	1	..
Haverhill,	27,412	7	0	..	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	..	..	..	..	..	..	..
Gloucester,	24,651	8	3	2	1	..	1	..
Newton,	24,379	6	2	..	2	..	..	..
Malden,	23,031	6	0	..	1	..	..	..
Fitchburg,	22,037	14	4	1	7	..	1	..
Waltham,	18,707	12	2	..	3	..	..	..
Pittsfield,	17,281	3	2	..	3	..	..	..
Quincy,	16,723	5	0	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	6	0	..	2	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	6	0	..	1	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	2	0	..	1	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	10	2	2	2	..	..	..
Peabody,	10,158	4	0	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,233,845	513	143	47	111	9	19	6

DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 19; typhoid fever, 9; scarlet-fever, 6; diarrhœal diseases, 4; whooping-cough, 3; cerebro-spinal meningitis, 2; puerperal fever, 2; erysipelas, 1.

No deaths were reported from small-pox, malarial fever and measles.

There were 111 deaths from acute lung diseases; consumption, 46; still-births, 27; and influenza, 22.

From diarrhœal diseases: Lowell, 2; Boston and New Bedford, 1 each. From whooping-cough: Boston, Lowell and Gloucester, 1 each. From cerebro-spinal meningitis: Boston and Lawrence, 1 each. From puerperal fever: Boston and Hyde Park, 1 each.

Deaths from the principal infectious diseases numbered 47 against 50 for the preceding week.

Deaths under five years of age numbered 143 against 138 for the preceding week.

Cases reported in Boston: scarlet-fever, 68; measles. 23; diphtheria, 20; and typhoid fever, 6.

The death rates for the week were: Boston, 22.49; Worcester, 19.64; Lowell, 33.45; Fall River, 20.96; Cambridge, 14.85; Lynn, 13.99; Lawrence, ——; Springfield, 16.83; New Bedford, 17.87; Somerville, ——; Holyoke, ——; Salem, 20.25; Chelsea, 20.49; Haverhill, 12.27; Brockton, ——; Taunton, ——; Gloucester, 16.84; Newton, 12.79; Malden, 13.54; Fitchburg, 33.03; Waltham, 33.34; Pittsfield, 9.02; Quincy, 15.54; North Adams, ——; Northampton, 20.81; Chicopee, ——; Newburyport, 22.36; Marlborough, ——; Woburn, ——.

The total death rate for the week was 21.62 against 20.49 and 26.17 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 13, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	30.10	25.0	35	15.0	58	100	79.0	W.	S. E.	6	6	C.	R.		0.02
Monday, 8,	29.71	31.0	34	28.0	100	100	100.0	N. W.	N. E.	7	7	R.	N.		0.04
Tuesday, 9,	29.87	30.0	34	26.0	89	70	80.0	N. W.	W.	7	9	O.	C.		Trace.
Wednes'y, 10,	30.01	27.5	32	23.0	62	61	62.0	N. W.	N. E.	12	6	C.	C.		0.00
Thursday, 11,	29.31	30.5	34	27.0	100	100	100.0	E.	N. W.	23	12	N.	N		0.59
Friday, 12,	29.22	26.5	33	20.0	78	72	75.0	S. W.	W.	14	12	C.	C.		0.01
Saturday, 13,	29.60	14.0	20	8.0	71	60	66.0	W.	W.	19	24	C.	C.		0.00
Week, - -	29.69	26.3	31.7	21.0	79.7	80.4	80.3			12.6	10.9				0.094

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of January: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	112	67	179	Maple Syrup, . .	0	0	0
Butter, . . .	35	3	38	Canned Goods, .	2	0	2
Cheese, . . .	1	0	1	Honey, . . .	1	2	3
Lard, . . .	10	0	10	Tea, . . .	10	0	10
Olive Oil, . . .	0	0	0	Coffee, . . .	4	1	5
Vinegar, . . .	0	0	0	Cocoa, . . .	..	..	..
Spices, . . .	65	5	70	Confectionery, .	..	..	..
Cream of Tartar, .	20	0	20	Other articles of Food and Drinks,	8	2	10
Molasses, . . .	1	1	2	Drugs, . . .	6	17	23
Syrups, . . .	0	0	0				
Maple Sugar, . .	2	0	2				
				Totals, . .	277	98	375

Percentage of adulteration, 23.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 37.4.

Six complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Of these three were for violation of statutes relating to the sale of Black Pepper, Cream of Tartar, Milk, Mustard and Oriental Cream. In four cases the parties were convicted. Fines were imposed amounting to $70.

The samples of drugs found to be adulterated were Extract of Licorice, Red Wine, Tincture of Nux Vomica, Tincture of Opium, Whiskey and White Wine.

The cities and towns from which samples of food were collected were Boston, Brockton, Cambridge, Chelsea, Fall River, Lowell, Lynn, Malden, New Bedford, Newton, North Adams, Salem, Somerville, Springfield, Waltham, Worcester, Arlington, Canton, Everett, Palmer, Sharon and Woodville.

The statute which requires that certain "mixtures or compounds recognized as ordinary articles of food" should be "distinctly labelled as mixtures or compounds" is very often evaded in different ways. The use of the terms "compounded" or "compounded by" or "compounded for" is very plainly an evasion of the law, and the courts have frequently convicted parties employing these terms as applied to compound articles of food.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 20, 1892.

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VOL. X. No. 7.

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F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 20, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Whooping-Cough.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	206	60	16	43	2	3	7
Worcester,	84,655	25	8	3	6	..	1	1
Lowell,	77,696	55	24	5	10	..	2	1
Fall River,	74,398	46	24	2	14	1	..	..
Cambridge,	70,028	26	11	..	2	..	..	..
Lynn,	55,727	27	8	2	9	..	..	..
Lawrence,	44,654	..	..	..	..	..	..	..
Springfield,	44,179	18	5	..	1	..	..	..
New Bedford,	40,733	20	11	1	3	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	16	6	1	6	..	1	..
Chelsea,	27,909	10	3	2	3	..	1	..
Haverhill,	27,412	12	2	1	..	..	..	1
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	12	2	1	1	..	1	..
Gloucester,	24,651	6	2	..	1	..	..	..
Newton,	24,379	10	1	..	..	..	..	..
Malden,	23,031	8	3	1	1	..	..	1
Fitchburg,	22,037	10	3	1	..	1	..	..
Waltham,	18,707	9	3	..	3	..	..	..
Pittsfield,	17,281	5	1	..	2	..	..	..
Quincy,	16,723	6	1	1	..	..	..	1
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	3	0	1	..	..	1	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	4	0	1	1	..	1	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	2	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	..	..	..	..	..	..	..
Peabody,	10,158	4	0	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Whooping-Cough.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,204,443	540	178	39	107	4	11	12

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-nine deaths were reported from the principal infectious diseases: scarlet-fever, 12; diphtheria and croup, 11; whooping-cough, 4; erysipelas, 3; diarrhœal diseases, 3; cerebro-spinal meningitis, 2; typhoid fever, 2; measles, 1; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 107 deaths from acute lung diseases; consumption, 60; still-births, 28; and influenza, 15.

From erysipelas: Boston, Fall River and Chelsea, 1 each. From cerebro-spinal meningitis: Boston and Lynn, 1 each. From typhoid fever: Lowell and Lynn, 1 each. From measles: Worcester, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 39 against 47 for the preceding week.

Deaths under five years of age numbered 178 against 143 for the preceding week.

Cases reported in Boston: scarlet-fever, 76; measles, 25; diphtheria, 22; and typhoid fever, 4.

The death rates for the week were: Boston, 23.88; Worcester, 15.30; Lowell, 36.79; Fall River, 32.14; Cambridge, 19.30; Lynn, 25.19; Lawrence, ——; Springfield, 21.18; New Bedford, 25.53; Somerville, ——; Holyoke, ——; Salem, 27.00; Chelsea, 18.63; Haverhill, 22.76; Brockton, ——; Taunton, 16.34; Gloucester, 12.63; Newton, 21.32; Malden, 18.06; Fitchburg, 23.59; Waltham, 25.01; Pittsfield, 15.04; Quincy, 18.65; North Adams, ——; Northampton, 10.40; Chicopee, ——; Newburyport, 14.91; Marlborough, ——; Woburn, ——.

The total death rate for the week was 23.31 against 21.62 and 20.49 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 20, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	30.00	20.5	31	10.0	73	79	76.0	W.	E.	13	16	C.	R.		Trace.
Monday, 15,	29.99	38.5	46	31.0	85	56	71.0	W.	W.	12	14	C.	C.		0.08
Tuesday, 16,	30.50	20.5	24	17.0	56	55	56.0	N.W.	N.W.	13	12	C.	C.		0.00
Wednes'y, 17,	30.47	12.5	20	5.0	70	50	60.0	N.W.	W.	17	23	C.	C.		0.00
Thursday, 18,	30.16	25.5	41	10.0	45	40	43.0	W.	N.W.	19	12	C.	C.		0.00
Friday, 19,	30.32	33.0	40	26.0	41	72	57.0	N.W.	E.	6	4	C.	F.		0.00
Saturday, 20,	30.42	35.5	39	32.0	91	96	94.0	N.E.	N.E.	8	12	C.	C.		Trace.
Week, - -	30.26	26.6	34.4	18.5	65.9	64.0	65.3			12.6	13.3				0.011

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

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— OF —

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Worcester,	84,655	32	..	4	6	..	..	1
Lowell,	77,696	45	17	3	10	..	..	..
Fall River,	74,398	29	15	..	10	..	..	..
Cambridge,	70,028	31	11	3	3	2	1	..
Lynn,	55,727	19	5	1	4	..	..	..
Lawrence,	44,654	..	..	..	..	..	..	..
Springfield,	44,179	..	..	..	..	..	..	..
New Bedford,	40,733	14	5	..	1	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	14	6	..	1	..	..	..
Chelsea,	27,909	9	4	..	..	..	..	..
Haverhill,	27,412	8	3	..	3	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	..	..	..	..	..	..	..
Gloucester,	24,651	8	2	..	2	..	..	..
Newton,	24,379	7	0	..	2	..	..	..
Malden,	23,031	9	1	1	2	..	..	1
Fitchburg,	22,037	10	3	1	..	..	..	..
Waltham,	18,707	7	0	1	..	..	..	..
Pittsfield,	17,281	4	2	2	..	..	..	2
Quincy,	16,723	3	0	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	1	0	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	0	0	..	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	1	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	3	1	..	1	..	..	..
Peabody,	10,158	1	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Whooping-Cough.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,145,012	452	127	33	92	4	12	6

DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Thirty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 12; scarlet-fever, 6; erysipelas, 4; whooping-cough, 4; typhoid fever, 3; cerebro-spinal meningitis, 3; diarrhœal diseases, 1.

No deaths were reported from small-pox, measles, malarial fever and puerperal fever.

There were 92 deaths from acute lung diseases; consumption, 51; still-births, 40; and influenza, 9.

From erysipelas: Worcester, 2; Boston and Fitchburg, 1 each. From typhoid fever: Lowell, 2; Lynn, 1. From cerebro-spinal meningitis: Boston, Worcester and Waltham, 1 each. From diarrhœal diseases: Lowell, 1.

Deaths from the principal infectious diseases numbered 33 against 49 for the preceding week.

Deaths under five years of age numbered 127 against 178 for the preceding week.

Cases reported in Boston: scarlet-fever, 59; diphtheria, 30; measles, 23; and typhoid fever, 10.

The death rates for the week were: Boston, 22.84; Worcester, 19.64; Lowell, 30.10; Fall River, 20.26; Cambridge, 23.01; Lynn, 17.72; Lawrence, ——; Springfield, ——; New Bedford, 17.87; Somerville, ——; Holyoke, ——; Salem, 23.63; Chelsea, 16.76; Haverhill, 15.17; Brockton, ——; Taunton, ——; Gloucester, 16.84; Newton, 14.93; Malden, 20.32; Fitchburg, 23.59; Waltham, 19.45; Pittsfield, 12.03; Quincy, 9.32; North Adams, ——; Northampton, 3.46; Chicopee, ——; Newburyport, 0.00; Marlborough, ——; Woburn, ——.

The total death rate for the week was 20.52 against 23.31 and 21.62 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 27, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	30.50	34.0	35	33.0	95	95	95.0	N.	N.	12	10	O.	R.		0.01
Monday, 22,	30.54	37.0	40	34.0	91	91	91.0	N.	N.	12	8	O.	C.		Trace.
Tuesday, 23,	30.54	34.0	38	31.0	90	90	90.0	N.	N. E.	11	17	N.	O.		0.06
Wednes'y, 24,	30.48	36.0	38	33.0	91	86	88.0	N. E.	N. E.	11	10	O.	O.		0.01
Thursday, 25,	30.28	36.0	38	33.0	95	100	98.0	N.	E.	5	4	R.	G		Trace.
Friday, 26,	30.28	38.0	42	35.0	100	92	96.0	E.	N. E.	5	5	G.	C.		0.00
Saturday, 27,	30.70	21.0	23	19.0	73	73	73.0	N. E.	N. E.	26	26	O.	O.		Trace.
Week, - -	30.47	33.7	36.3	31.1	90.7	89.6	90.1			11.7	11.4				0.011

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, March 5, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

Price 25 Cents a Year.

VOL. X. No. 9.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 5, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From: Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Boston,	448,477	196	56	23	47	3	10	8
Worcester,	84,655	25	6	3	2	1	1	..
Lowell,	77,696	51	25	6	6	1	1	..
Fall River,	74,398	40	14	4	12	2	..	..
Cambridge,	70,028	24	10	3	4	1	..	..
Lynn,	55,727	15	3	..	1	..	..	..
Lawrence,	44,654	23	15	3	2	..	1	1
Springfield,	44,179	..	..	..	..	..	..	..
New Bedford,	40,733	..	..	..	..	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	12	4	..	1	..	..	..
Chelsea,	27,909	13	5	3	1	..	1	1
Haverhill,	27,412	6	2	1	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	16	7	2	1	..	2	..
Gloucester,	24,651	3	2	..	1	..	..	..
Newton,	24,379	9	4	..	..	..	..	..
Malden,	23,031	5	2	4	1	..	2	1
Fitchburg,	22,037	8	4	..	2	..	..	..
Waltham,	18,707	7	1	..	2	..	..	..
Pittsfield,	17,281	3	0	..	..	..	..	..
Quincy,	16,723	6	3	..	1	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	5	1	3	1	1	1	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	6	3	..	1	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	8	2	2	2	..	..	1
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	5	1	..	2	..	..	..
Peabody,	10,158	5	3	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Total of reporting towns,	1,174,378	491	173	57	92	9	19	12

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 19; scarlet-fever, 12; diarrhœal diseases, 9; typhoid fever, 7; whooping-cough, 4; cerebro-spinal meningitis, 2; puerperal fever, 2; erysipelas, 1; measles, 1.

No deaths were reported from small-pox and malarial fever.

There were 92 deaths from acute lung diseases; consumption, 62; and still-births, 17.

From typhoid fever: Lowell, 3; Boston, Fall River, Lawrence and Haverhill, 1 each. From whooping-cough: Fall River, Cambridge, Chelsea and Medford, 1 each. From cerebro-spinal meningitis: Lowell and Malden, 1 each. From puerperal fever: Boston and Cambridge, 1 each. From erysipelas: Northampton, 1. From measles: Worcester, 1.

Deaths from the principal infectious diseases numbered 57 against 33 for the preceding week.

Deaths under five years of age numbered 173 against 127 for the preceding week.

Cases reported in Boston: scarlet-fever, 89; diphtheria, 30; measles, 23; and typhoid fever, 6.

The death rates for the week were: Boston, 22.72; Worcester, 15.35; Lowell, 34.11; Fall River, 27.95; Cambridge, 17.82; Lynn, 13.99; Lawrence, 26.78; Springfield, ——; New Bedford, ——; Somerville, ——; Holyoke, ——; Salem, 20.25; Chelsea, 24.21; Haverhill, 11.38; Brockton, ——; Taunton, 32.69; Gloucester, 6.31; Newton, 19.18; Malden, 11.28; Fitchburg, 18.87; Waltham, 19.45; Pittsfield, 9.02; Quincy, 18.65; North Adams, ——; Northampton, 17.34; Chicopee, ——; Newburyport, 22.36; Marlborough, ——; Woburn, ——.

The total death rate for the week was 21.74 against 20.52 and 23.31 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, March 5, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Feb. 28,	30.64	17.0	23	11.0	81	86	84.0	N.	N.	21	12	N.	O.		Trace.
Monday, 29,	30.31	27.5	34	21.0	88	90	89.0	N.W.	N.E.	5	7	N.	N.		Trace.
Tuesday, March 1,	30.14	32.5	35	30.0	81	100	90.0	N.E.	N.E.	21	33	O.	N.		0.07
Wednes'y, 2,	30.25	17.0	19	15.0	94	84	89.0	N.	N.	23	23	N.	N		0.40
Thursday, 3,	29.90	21.0	27	15.0	91	76	84.0	N.	N.	28	20	N.	O.		0.48
Friday, 4,	29.72	33.0	40	26.0	77	57	67.0	N.W.	N.W.	14	18	F.	C.		0.01
Saturday, 5,	29.63	34.0	43	25.0	57	50	54.0	W.	W.	20	10	C.	C.		0.00
Week, - -	30.08	26.0	31.6	20.4	81.3	77.6	79.6			18.9	21.9				0.136

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 10 smaller towns of Massachusetts, as reported to the State Board of Health for the month of February.

The total death-rate of reporting towns for the month was 18.92.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diphtheria and Croup.	Cerebro-spinal Meningitis.
Stoneham,	6,035	4	3	1	..	1	1	..
Middleborough,	5,233	8	4	..	..	1	..	..
Westborough,	5,195	13	1	1	1	..	..	1
Concord,	4,457	1	0	..	..	..	..	..
Easton,	4,439	13	1	..	6	..	..	..
Hudson,	4,185	11	1	1	2	1	..	1
Merrimac,	2,492	1	0	..	..	..	..	..
Groton,	2,037	5	0	..	2	..	..	..
Norton,	1,785	1	0	..	..	..	..	..
Truro,	972	1	1	..	..	..	..	..
Total of reporting towns,	36,830	58	11	3	11	3	1	2

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, March 12, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of February.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

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VOL. X. No. 10.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 12, 1892.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

Cities and Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	216	68	27	37	3	8	7
Worcester,	84,655	22	5	2	1	..	1	1
Lowell,	77,696	44	16	7	8	3	1	..
Fall River,	74,398	38	14	2	10	..	1	..
Cambridge,	70,028	27	11	3	5	..	3	..
Lynn,	55,727	18	4	4	3	..	2	..
Lawrence,	44,654	..	..	..	..	..	..	..
Springfield,	44,179	21	10	2	7	1	..	1
New Bedford,	40,733	21	7	1	1	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	10	5	..	1	..	..	..
Chelsea,	27,909	7	4	1	1	..	1	..
Haverhill,	27,412	9	2	..	..	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	9	3	1	..	..	1	..
Gloucester,	24,651	8	1	..	..	..	..	..
Newton,	24,379	4	1	..	2	..	..	..
Malden,	23,031	6	0	..	1	..	..	..
Fitchburg,	22.037	5	1	..	..	..	..	..
Waltham,	18,707	7	1	1	..	..	..	1
Pittsfield,	17,281	3	3	2	..	..	1	1
Quincy,	16,723	1	1	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	5	0	1	1	..	1	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	8	2	1	1	..	..	1
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	2	1	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	3	0	..	..	..	..	..
Peabody,	10,158	2	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,214,636	496	160	55	79	7	20	12

DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 20; scarlet-fever, 12; typhoid fever, 7; diarrhœal diseases, 5; whooping-cough, 4; erysipelas, 3; cerebro-spinal meningitis, 2; measles and puerperal fever, each 1.

No deaths were reported from small-pox and malarial fever.

There were 79 deaths from acute lung diseases; consumption, 60; still-births, 31; and influenza, 7.

From diarrhœal diseases: Boston, 3; Lowell and New Bedford, 1 each. From whooping-cough: Boston, 2; Lowell and Fall River, 1 each. From erysipelas: Boston, 2; Lynn, 1. From cerebro-spinal meningitis: Lowell and Lynn, 1 each. From measles, Boston, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 55 against 57 for the preceding week.

Deaths under five years of age numbered 160 against 173 for the preceding week.

Cases reported in Boston: scarlet-fever, 87; measles, 21; diphtheria, 15; and typhoid fever, 7.

The death rates for the week were: Boston, 25.04; Worcester, 13.50; Lowell, 29.43; Fall River, 26.54; Cambridge, 20.04; Lawrence, ——; Lynn, 16.79; Springfield, 24.71; New Bedford, 26.80; Somerville, ——; Holyoke, ——; Salem, 16.88; Chelsea, 14.04; Haverhill, 17.07; Brockton, ——; Taunton, 18.39; Gloucester, 16.84; Newton, 17.05; Malden, 13.54; Fitchburg, 11.79; Waltham, 19.45; Pittsfield, 9.02; Quincy, 3.10; North Adams, ——; Northampton, 17.34; Chicopee, ——; Newburyport, 29.82; Marlborough, ——; Woburn, ——.

The total death rate for the week was 21.23 against 21.74 and 20.52 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, March 12, 1892	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 6,	29.65	36.0	43	29.0	51	57	54.0	W.	N. W.	19	16	C.	C.		0.00
Monday, 7,	29.81	41.0	51	31.0	63	53	58.0	W.	W.	12	7	C.	C.		0.00
Tuesday, 8,	29.59	37.0	40	34.0	77	100	88.0	N. W.	N. E.	2	20	C.	R.		0.55
Wednes'y, 9,	29.38	42.0	50	34.0	96	70	83.0	N. W.	W.	8	11	O.	O.		0.06
Thursday, 10,	29.99	45.5	56	35.0	68	78	73.0	W.	S. E.	6	12	F.	R.		0.06
Friday, 11,	29.44	29.5	34	25.0	61	57	59.0	S. W.	W.	22	38	O.	O.		0.29
Saturday, 12,	29.70	28.0	36	20.0	44	72	58.0	W.	W.	20	17	F.	C.		Trace.
Week, - -	29.65	37.0	44.3	29.7	65.7	69.6	67.6			12.7	17.3				0.137

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of February: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal staudard.	TOTAL
Milk, . . .	133	123	256	Maple Syrup, . .	9	2	11
Butter, . . .	49	13	62	Canned Goods, .	4	13	17
Cheese, . . .	1	0	1	Honey, . . .	9	4	13
Lard, . . .	11	0	11	Tea, . . .	10	0	10
Olive Oil, . . .	1	1	2	Coffee, . . .	4	8	12
Vinegar, . . .	4	0	4	Cocoa, . . .	. .	. .	. .
Spices, . . .	72	10	82	Confectionery, .	9	0	9
Cream of Tartar, .	39	0	39	Other articles of Food and Drinks,	5	4	9
Molasses, . . .	9	0	9	Drugs, . . .	13	23	36
Syrups, . . .	. .	. .	. .				
Maple Sugar, . .	1	0	1				
				Totals, . .	383	201	584

Percentage of adulteration, 34.4. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 48.0.

Six complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Of these three were for violation of statutes relating to the sale of Milk, Pepper, Molasses, Honey, Cloves and Maple Syrup. In all these cases the parties were convicted. Fines were imposed amounting to $40.

The samples of drugs found to be adulterated were Citrate of Iron and Quinine, Compound Spirits of Ether, Deodorized Tincture of Opium, Distilled Water, Extract of Licorice, Red Wine, Spirits of Nitrous Ether, Subnitrate of Bismuth, Stronger Ether, Tincture of Opium, Whiskey and White Wine.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Fall River, Cambridge, Lynn, Lawrence, New Bedford, Chelsea, Taunton, Gloucester, Quincy, North Adams, Chicopee, Marlborough, Woburn, Brookline, Hyde Park, Melrose and Stoneham.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 19, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

Price 25 Cents a Year.

VOL. X. No. 11.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 19, 1892.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

Cities and Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	223	70	20	45	..	8	5
Worcester,	84,655	29	11	5	..	..	2	..
Lowell,	77,696	44	12	3	8	3	..	..
Fall River,	74,398	30	10	..	9	..	..	..
Cambridge,	70,028	27	10	5	4	..	3	..
Lynn,	55,727	26	4	1	7	..	1	..
Lawrence,	44,654	28	4	4	4	4	..	..
Springfield,	44,179	16	4	2	2	..	2	..
New Bedford,	40,733	17	4	..	1	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	19	3	1	2	..	1	..
Chelsea,	27,909	13	4	1	3	..	1	..
Haverhill,	27,412	9	3	..	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	9	5	1	1	..	..	..
Gloucester,	24,651	6	1	1	1	..	..	..
Newton,	24,379	11	2	1	2	..	1	..
Malden,	23,031	4	0	..	..	..	..	..
Fitchburg,	22,037	5	2	..	1	..	..	..
Waltham,	18,707	2	1	..	..	..	..	..
Pittsfield,	17,281	4	0	1	..	..	..	1
Quincy,	16,723	4	1	1	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	6	3	1	2	..	1	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	7	4	..	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	5	1	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	3	1	..	3	..	..	..
Peabody,	10,158	2	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,259,290	549	160	48	96	7	20	6

DEATHS FROM PREVALENT DISEASES IN THE 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 20; typhoid fever, 7; scarlet-fever, 6; erysipelas, 6; diarrhœal diseases, 4; cerebro-spinal meningitis, 3; whooping-cough, 2.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 96 deaths from acute lung diseases; consumption, 56; still-births, 26; and influenza, 7.

From erysipelas: Boston, 3; Worcester, Cambridge and Quincy, 1 each. From diarrhœal diseases: Boston, 2; Worcester and Cambridge, 1 each. From cerebro-spinal meningitis: Worcester, Taunton and Gloucester, 1 each. From whooping-cough: Boston, 2.

Deaths from the principal infectious diseases numbered 48 against 55 for the preceding week.

Deaths under five years of age numbered 160, the same as for the preceding week.

Cases reported in Boston: scarlet-fever, 118; measles, 23; diphtheria, 22; and typhoid fever, 8.

The death rates for the week were: Boston, 25.85; Worcester, 17.80; Lowell, 29.43; Fall River, 20.96; Cambridge, 20.04; Lynn, 24.26; Lawrence, 32.60; Springfield, 19.83; New Bedford, 21.70; Somerville, ——; Holyoke, ——; Salem, 32.07; Chelsea, 24.21; Haverhill, 17.07; Brockton, ——; Taunton, 18.39; Gloucester, 12.63; Newton, 23.46; Malden, 9.03; Fitchburg, 11.79; Waltham, 5.55; Pittsfield, 12.03; Quincy, 12.43; North Adams, ——; Northampton, 20.81; Chicopee, ——; Newburyport, 26.09; Marlborough, ——; Woburn, ——.

The total death rate for the week was 22.67 against 21.23 and 21.74 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, March 19, 1892	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 13,	29.89	26.5	32	21.0	49	43	46.0	W.	W.		21	20		C.	C.			0.00
Monday, 14,	29.98	20.5	27	14.0	45	45	45.0	W.	W.		25	21		C.	C.			0.00
Tuesday, 15,	30.21	24.0	31	17.0	59	52	56.0	S. W.	W.		15	20		C.	C.			0.00
Wednes'y, 16,	30.33	24.0	33	15.0	52	61	56.0	W.	N.		10	10		O.	C.			0.00
Thursday, 17,	30.28	25.5	35	16.0	58	41	50.0	N. W.	N.		9	5		F.	F.			0.00
Friday, 18,	29.77	28.5	35	22.0	100	100	100.0	E.	N. E.		20	19		N.	R.			1.35
Saturday, 19,	29.44	31.0	35	27.0	90	46	68.0	S.W.	S.W.		24	21		N.	C.			0.02
Week, - -	29.99	25.7	32.6	18.9	64.7	55.4	60.1				17.7	16.6						0.196

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, March 26, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 12.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary*.
F. P. STEARNS, C.E., *Engineer*.

MORTALITY OF MASSACHUSETTS

For the Week ending March 26, 1892.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Diarrhœal Diseases.
Boston,	448,477	237	79	24	38	2	13	..
Worcester,	84,655	32	9	4	2	..	2	1
Lowell,	77,696	26	15	7	6	2	2	3
Fall River,	74,398	33	14	6	5	..	2	3
Cambridge,	70,028	31	10	2	2	1	..	..
Lynn,	55,727	20	2	1	4	..	..	..
Lawrence,	44,654	24	6	2	5	..	..	..
Springfield,	44,179	..	..	..	..	..	..	..
New Bedford,	40,733	19	9	1	2	1	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	10	3	1	2	..	..	1
Chelsea,	27,909	9	3	..	..	..	..	..
Haverhill,	27,412	7	1	..	..	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	8	3	..	1	..	..	..
Gloucester,	24,651	13	2	1	3	..	..	..
Newton,	24,379	12	2	1	1	..	1	..
Malden,	23,031	5	2	1	..	..	1	..
Fitchburg,	22,037	5	2	..	..	..	..	..
Waltham,	18,707	3	2	..	1	..	..	..
Pittsfield,	17,281	6	3	..	3	..	..	..
Quincy,	16,723	2	1	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	6	2	..	2	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	3	2	..	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	2	0	..	1	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	4	2	..	1	..	..	..
Peabody,	10,158	3	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Diarrhœal Diseases.
Total of reporting towns,	1,215,111	520	174	51	79	6	21	8

DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 21; diarrhœal diseases, 8; typhoid fever, 6; scarlet-fever, 5; cerebro-spinal meningitis, 5; puerperal fever, 2; erysipelas, 2, whooping-cough and measles, each 1.

No deaths were reported from small-pox and malarial fevers

There were 79 deaths from acute lung diseases; consumption, 62; still-births, 22; and influenza, 6.

From scarlet fever: Boston, 3; Cambridge and Lawrence, 1 each. From cerebro-spinal meningitis: Worcester, Fall River, Lynn, Lawrence and Gloucester, 1 each. From puerperal fever: Boston, 2. From erysipelas: Boston, 2. From whooping-cough: Boston, 1. From measles: Boston, 1.

Deaths under five years of age numbered 174, against 160 for the preceding week.

Deaths from the principal infectious diseases numbered 51, against 48 for the preceding week.

Cases reported in Boston: scarlet-fever, 104; diphtheria, 29; measles, 15; and typhoid fever, 1.

The death rates for the week were: Boston, 27.48; Worcester, 19.64; Lowell, 17.39; Fall River, 23.06; Cambridge, 23.01; Lynn, 18.66; Lawrence, 27.94; Springfield, ——; New Bedford, 24.25; Somerville, ——; Holyoke, ——; Salem, 16.88; Chelsea, 16.76; Haverhill, 13.27; Brockton, ——; Taunton, 16.34; Gloucester, 27.37; Newton, 25.59; Malden, 11.28; Fitchburg, 11.79; Waltham, 8.33; Pittsfield, 18.05; Quincy, 6.21; North Adams, ——; Northampton, 20.81; Chicopee, ——; Newburyport, 11.18; Marlborough, ——; Woburn, ——.

The total death rate for the week was 22.25, against 22.67 and 21.23 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, March 26, 1892	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 20,	29.89	30.5	34	27.0	58	54	56.0	S.W.	W.		32	28		C.	O.			0.00
Monday, 21,	30.31	26.0	35	17.0	51	28	40.0	W.	W.		17	10		C.	C.			0.00
Tuesday, 22,	30.42	31.0	43	19.0	49	49	49.0	W.	S.		7	12		C.	F.			0.00
Wednes'y, 23,	29.98	39.5	49	30.0	91	92	92.0	S.	W.		14	4		R.	O.			0.62
Thursday, 24,	30.06	40.0	46	34.0	50	51	50.0	W.	W.		12	12		C.	C.			0.00
Friday, 25,	30.03	42.0	50	34.0	58	59	58.0	W.	E.		12	8		O.	C.			0.00
Saturday, 26,	29.90	40.0	47	33.0	51	69	60.0	N.W.	S.		4	4		C.	C.			0.00
Week, - -	30.08	35.6	43.4	27.7	58.3	57.4	57.9				14.0	11.1						0.089

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, April 2, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 13.

STATE BOARD OF HEALTH.

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GEO. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 2, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Boston,	448,477	240	70	22	44	1	10	7
Worcester,	84,655	27	10	3	4	1	1	1
Lowell,	77,696	41	14	2	8	1	..	1
Fall River,	74,398	37	12	1	9	1	..	..
Cambridge,	70,028	34	11	6	9	1	3	1
Lynn,	55,727	20	6	..	2	..	..	..
Lawrence,	44,654	..	..	..	..	..	..	..
Springfield,	44,179	..	..	..	..	..	..	..
New Bedford,	40,733	23	8	1	1	..	1	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	13	7	..	1	..	..	..
Chelsea,	27,909	13	4	..	2	..	..	..
Haverhill,	27,412	15	1	..	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	8	2	..	..	..	..	..
Gloucester,	24,651	10	4	..	1	..	..	..
Newton,	24,379	4	1	..	2	..	..	..
Malden,	23,031	7	1	1	..	..	..	..
Fitchburg,	22,037	3	0	..	..	..	..	..
Waltham,	18,707	5	1	..	1	..	..	..
Pittsfield,	17,281	5	2	2	1	..	..	1
Quincy,	16,723	7	2	1	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	10	1	..	1	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	4	1	1	..	..	1	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	6	1	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	2	1	..	..	..	..	..
Peabody,	10,158	4	2	1	..	..	..	1

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,170,457	538	162	41	87	5	16	12

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet-fever, 12; diarrhœal diseases, 5; typhoid fever, 3; puerperal fever, 2; cerebro-spinal meningitis, 2; whooping-cough, 1.

No deaths were reported from small-pox, malarial fevers, measles and erysipelas

There were 87 deaths from acute lung diseases: consumption, 66; and still-births, 26.

From typhoid fever: Boston, 2; Cambridge, 1. From puerperal fever: Malden and Pittsfield, 1 each. From cerebro-spinal meningitis: Boston and Quincy, 1 each. From whooping-cough: Boston, 1.

Deaths from the principal infectious diseases numbered 41, against 51 for the preceding week.

Deaths under five years of age numbered 162, against 174 for the preceding week.

Cases reported in Boston: scarlet-fever, 111; diphtheria, 35; measles, 25; and typhoid fever, 9.

The death rates for the week were: Boston, 27.82; Worcester, 16.57; Lowell, 27.42; Fall River, 25.85; Cambridge, 25.24; Lynn, 18.66; Lawrence, ——; Springfield, ——; New Bedford, 29.36; Somerville, ——; Holyoke, ——; Salem, 21.94; Chelsea, 24.21; Haverhill, 28.45; Brockton, ——; Taunton, 16.34; Gloucester, 21.06; Newton, 8.53; Malden, 15.80; Fitchburg, 7.07; Waltham, 13.89; Pittsfield, 15.04; Quincy, 21.76; North Adams, ——; Northampton, 34.69; Chicopee, ——; Newburyport, 14.91; Marlborough, ——; Woburn, ——.

The total death rate for the week was 23.90, against 22.25 and 22.67 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 2, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, March 27,	29.63	36.5	39	34.0	69	68	68.0	N.E.	N.	19	9	C.	C.		0.00
Monday, 28,	29.78	41.0	50	32.0	43	33	38.0	N.	N.W.	9	24	O.	O.		0.00
Tuesday, 29,	30.06	41.5	48	35.0	35	34	34.0	N.W.	N.W.	21	18	C.	C.		0.00
Wednes'y, 30,	30.26	38.0	45	31.0	40	56	48.0	N.W.	S.E.	12	8	C.	C.		0.00
Thursday, 31,	30.44	37.0	42	32.0	56	57	56.0	N.	S.E.	4	9	C.	C.		0.00
Friday, April 1,	30.51	46.0	58	34.0	55	40	48.0	S.W.	S.W.	4	19	C.	C.		0.00
Saturday, 2,	30.20	51.5	66	37.0	67	78	72.0	S.W.	S.W.	18	24	F.	O.		0.00
Week, - -	30.13	41.6	49.7	33.6	52.1	52.3	52.0			12.4	15.9				0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 9 smaller towns of Massachusetts, as reported to the State Board of Health for the month of March.

The total death-rate of reporting towns for the month was 7.23.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diphtheria and Croup.	Typhoid Fever.
Amesbury,	9,798	1	0	1	..	..	1	..
Stoneham,	6,035	2	0	..	..	1	..	..
Middleborough,	5,233	4	0	..	1	..	..	..
Concord,	4,457	4	1	..	2	..	..	..
Easton,	4,439	3	0	..	2	..	..	..
Hudson,	4,185	4	0	..	2	2	..	..
Merrimac,	2,892	2	0	..	..	2	..	..
Burlington,	617	1	0	..	1	..	..	..
Truro,	545	2	0	..	..	..	..	..
Total of reporting towns,	38,201	23	1	1	8	5	1	0

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, April 9, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of March.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

CIRCULATION, 500 COPIES.

Price 25 Cents a year.

VOL. X. No. 14

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D , *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 9, 1892.

Deaths reported to the State Board of Health in 20 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

Cities and Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Deaths from Acute Lung Diseases.	Deaths from Typhoid Fever.	Deaths from Diphtheria and Croup	Deaths from Scarlet-Fever.
Boston,	448,477	231	75	21	53	1	10	7
Worcester,	84,655	38	15	6	6	..	4	2
Lowell,	77,696	45	15	5	5	3	..	..
Fall River,	74,398	32	13	2	6	..	1	..
Cambridge,	70,028	37	10	1	7	..	1	..
Lynn,	55,727	17	3	1	5	..	1	..
Lawrence,	44,654	..	..	..	..	..	..	..
Springfield,	44,179	..	..	..	..	..	..	..
New Bedford,	40,733	..	..	..	..	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	17	2	..	..	..	..	..
Chelsea,	27,909	..	..	..	..	..	.	..
Haverhill,	27,412	8	4	2	2	1	..	1
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	10	2	1	1	..	..	..
Gloucester,	24,651	7	2	1	3	..	..	..
Newton,	24,379	5	1	1	..	..	1	..
Malden,	23,031	8	1	..	..	..	..	..
Fitchburg,	22,037	9	4	2	2	..	..	..
Waltham,	18,707	5	2	1	..	..	..	1
Pittsfield,	17,281	5	2	..	2	..	..	..
Quincy,	16,723	6	1	1	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	5	3	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	7	2	1	..	..	1	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	4	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	..	..	..	..	..	..	..
Peabody,	10,158	5	2	2	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,091,622	501	159	48	92	5	19	11

DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 19; scarlet-fever, 11; typhoid fever, 5; diarrhœal diseases, 5; erysipelas, 3; cerebro-spinal meningitis, 3; whooping-cough, 2.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 92 deaths from acute lung diseases: consumption, 71; and still-births, 28.

From diarrhœal diseases: Peabody, 2; Lowell and Taunton, 1 each. From erysipelas: Boston, 2; Lowell, 1. From cerebro-spinal meningitis: Gloucester, Fitchburg and Quincy, 1 each. From whooping-cough: Boston and Fall River, 1 each.

Deaths from the principal infectious diseases numbered 48, against 51 for the preceding week.

Deaths under five years of age numbered 159, against 162 for the preceding week.

Cases reported in Boston: scarlet-fever, 74; diphtheria, 18; measles, 12; and typhoid fever, 9.

The death rates for the week were: Boston, 26.78; Worcester, 23.33; Lowell, 27.10; Fall River, 22.36; Cambridge, 27.47; Lynn, 15.86; Lawrence, ——; Springfield, ——; New Bedford, ——; Somerville, ——; Holyoke, ——; Salem, 28.69; Chelsea, ——; Haverhill, 15.16; Brockton, ——; Taunton, 20.43; Gloucester, 14.74; Newton, 10.66; Malden, 18.06; Fitchburg, 21.23; Waltham, 13.89; Pittsfield, 15.04; Quincy, 18.65; North Adams, ——; Northampton, 17.34; Chicopee, ——; Newburyport, 26.09; Marlborough, ——, Woburn, ——.

The total death rate for the week was 23.95, against 22.25 and 22.67 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 9, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	29.96	65.0	77	53.0	73	33	53.0	S. W.	W.	13	10	C.	O.		0.00
Monday, 4,	30.00	59.0	66	52.0	57	80	68.0	E.	S. E.	11	8	O.	O.		0.04
Tuesday, 5,	29.92	49.5	57	42.0	90	92	91.0	N. W.	E.	9	4	O.	O.		0.00
Wednes'y, 6,	29.78	58.0	74	42.0	68	49	58.0	W.	W.	13	18	O.	C.		0.00
Thursday, 7,	29.88	52.0	66	38.0	50	47	48.0	W.	W.	16	10	C.	O.		0.00
Friday, 8,	29.66	56.5	66	45.0	55	49	52.0	W.	S.	3	8	O.	F.		0.00
Saturday, 9,	29.64	47.0	54	40.0	60	52	56.0	W.	W.	15	19	O.	C.		0.04
Week, - -	29.83	55.3	65.7	44.6	64.7	57.4	60.9			11.4	11.0				0.011

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of March: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	109	146	255	Maple Syrup, . .	5	1	6
Butter, . . .	20	11	31	Canned Goods, .	13	11	24
Cheese, . . .	4	0	4	Honey, . . .	6	2	8
Lard, . . .	2	0	2	Tea, . . .	16	1	17
Olive Oil, . . .	..	..	..	Coffee, . . .	12	5	17
Vinegar, . . .	3	4	7	Cocoa, . . .	1	0	1
Spices, . . .	62	14	76	Confectionery, .	2	0	2
Cream of Tartar, .	22	3	25	Other articles of Food and Drinks,	8	1	9
Molasses, . . .	15	0	15	Drugs, . . .	25	17	45
Syrups, . . .	2	0	2				
Maple Sugar, . .	4	0	4				
				Totals, . .	334	216	550

Percentage of adulteration, 39.3. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 57.2.

Fifteen complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Of these seven were for violation of statutes relating to the sale of Milk, four of Butter, two of Honey, one of Cream of Tartar. In thirteen cases the parties were convicted. Fines were imposed amounting to $522.

The samples of drugs found to be adulterated were Ether, Alcohol, Brandy, Citrate of Iron and Quinine, Deodorized Tincture of Opium, Solution of Citrate of Iron and Quinine, Tincture of Iodine, Tincture of Opium and Whiskey.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Fall River, Cambridge, Lynn, Springfield, Somerville, Holyoke, Salem, Chelsea, Taunton, Gloucester, Waltham, Northampton, Dracut, Randolph, Revere, Warren, Wayland and Weston.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 16, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 15.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending April 16, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	210	65	27	39	2	15	4
Worcester,	84,655	32	14	4	4	..	2	..
Lowell,	77,696	55	14	4	5	..	..	3
Fall River,	74,398	28	10	3	8	2	1	..
Cambridge,	70,028	26	10	4	3	1	2	..
Lynn,	55,727	24	4	..	11	..	..	..
Lawrence,	44,654	27	12	6	5	..	..	2
Springfield,	44,179	..	..	..	..	..	..	..
New Bedford,	40,733	12	6	1	1	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	13	2	..	..	..	..	..
Chelsea,	27,909	8	0	2	2	..	..	2
Haverhill,	27,412	14	6	1	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	..	..	..	..	..	..	..
Gloucester,	24,651	7	1	..	2	..	..	..
Newton,	24,379	7	1	2	3	1	..	..
Malden,	23,031	14	3	..	2	..	..	..
Fitchburg,	22,037	5	1	..	1	..	..	..
Waltham,	18,707	7	1	1	1	..	..	..
Pittsfield,	17,281	5	1	..	2	..	..	..
Quincy,	16,723	5	1	..	2	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	5	2	1	..	..	1	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	7	0	..	1	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	2	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	2	0	..	..	..	..	..
Peabody,	10,158	4	0	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,189,666	519	154	56	94	6	21	11

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 21; scarlet-fever, 11; diarrhœal diseases, 6; typhoid fever, 5; cerebro-spinal meningitis, 5; erysipelas, 3; puerperal fever, 2; measles, 2; whooping-cough, 1.

No deaths were reported from small-pox and malarial fever.

There were 94 deaths from acute lung diseases: consumption, 69; still-births, 32; and influenza, 5.

From typhoid fever: Boston, 2; Lowell, New Bedford and Waltham, 1 each. From cerebro-spinal meningitis: Lawrence, 3; Cambridge, 2. From erysipelas: Boston, 2; Cambridge, 1. From puerperal fever: Boston and Newton, 1 each. From measles: Boston and Lawrence, 1 each.

Deaths from the principal infectious diseases numbered 56, against 48 for the preceding week.

Deaths under five years of age numbered 154, against 159 for the preceding week.

Cases reported in Boston: scarlet-fever, 97; diphtheria, 46; measles, 42; and typhoid fever, 8.

The death rates for the week were: Boston, 24.34; Worcester, 19.64; Lowell, 36.79; Fall River, 19.56; Cambridge, 19.30; Lynn, 22.39; Lawrence, 31.14; Springfield, ——; New Bedford, 15.31; Somerville, ——; Holyoke, ——; Salem, 21.94; Chelsea, 14.90; Haverhill, 26.55; Brockton, ——; Taunton, ——; Gloucester, 14.74; Newton, 14.93; Malden, 31.60; Fitchburg, 11.79; Waltham, 19.45; Pittsfield, 15.04; Quincy, 15.54; North Adams, ——; Northampton, ——; Chicopee, ——; Newburyport, 26.09; Marlborough, ——; Woburn, ——.

The total death rate for the week was 22.68, against 23.95 and 22.25 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 16, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	29.58	39.5	46	33.0	59	50	54.0	W.	W.	25	18	C.	C.		0.00
Monday, 11,	29.86	39.5	46	33.0	50	44	47.0	W.	W.	26	22	O.	C.		0.00
Tuesday, 12,	30.00	38.5	47	30.0	37	39	38.0	W.	N. W.	19	12	C.	C.		0.00
Wednes'y, 13,	30.02	43.0	55	31.0	52	47	50.0	N. W.	N.	16	21	C.	C.		0.00
Thursday, 14,	29.96	43.5	54	33.0	37	40	38.0	N. W.	S.	16	6	C.	O.		0.00
Friday, 15,	29.67	41.0	44	38.0	55	51	53.0	N. E.	S.	20	6	O.	O.		0.00
Saturday, 16,	29.79	44.0	52	36.0	45	34	40.0	N. W.	W.	12	12	O.	F.		0.00
Week, - -	29.84	41.3	49.1	33.4	47.9	43.6	45.7			19.1	13.9				0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, April 23, 1892.

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MORTALITY OF MASSACHUSETTS

For the Week ending April 23, 1892.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	222	67	32	25	2	17	7
Worcester,	84,655	34	12	5	7	..	1	..
Lowell,	77,696	29	12	5	8	..	1	1
Fall River,	74,398	28	10	3	8	..	1	..
Cambridge,	70,028	34	13	6	3	1	1	2
Lynn,	55,727	24	4	..	11	..	..	..
Lawrence,	44,654	27	7	6	1	3	..	1
Springfield,	44,179	15	5	1	3	..	..	..
New Bedford,	40,733	18	6	..	4	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	13	2	1	1	1	..	..
Chelsea,	27,909	9	2	..	4	..	..	..
Haverhill,	27,412	5	1	..	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	12	4	..	2	..	..	..
Gloucester,	24,651	7	2	1	4	..	..	..
Newton,	24,379	5	0	..	1	..	..	..
Malden,	23,031	10	3	1	2	..	..	1
Fitchburg,	22,037	13	5	1	1	..	..	1
Waltham,	18,707	2	0	..	..	..	..	..
Pittsfield,	17,281	4	1	..	3	..	..	..
Quincy,	16,723	8	2	..	1	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	7	3	..	1	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	1	0	..	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	4	0	..	1	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	5	4	1	1	..	1	..
Peabody,	10,158	1	1	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,259,290	537	166	63	93	7	22	13

DEATHS FROM PREVALENT DISEASES IN THE 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 22; scarlet-fever, 13; typhoid fever, 7; cerebro-spinal meningitis, 7; diarrhœal diseases, 6; erysipelas, 3; puerperal fever, 2; measles, 1.

No deaths were reported from small-pox and malarial fever.

There were 93 deaths from acute lung diseases: consumption, 70; and still-births, 31.

From cerebro-spinal meningitis: Worcester, 3; Boston, Lowell, Lawrence and Gloucester, 1 each. From diarrhœal diseases: Boston and Fall River, 2 each; Worcester and Lowell, 1 each. From erysipelas: Cambridge, Lawrence and Springfield, one each. From puerperal fever: Boston, 2. From measles: Lowell, 1.

Deaths from the principal infectious diseases numbered 63, against 56 for the preceding week.

Deaths under five years of age numbered 166, against 154 for the preceding week.

The death rates for the week were: Boston, 25.74; Worcester, 20.87; Lowell, 19.40; Fall River, 19.56; Cambridge, 25.24; Lynn, 32.39; Lawrence, 31.43; Springfield, 17.63; New Bedford, 22.97; Somerville, ——; Holyoke, ——; Salem, 21.94; Chelsea, 16.76; Haverhill, 9.48; Brockton, ——; Taunton, 24.52; Gloucester, 14.74; Newton, 10.66; Malden, 22.57; Fitchburg, 30.67; Waltham, 5.55; Pittsfield, 12.03; Quincy, 24.87; North Adams, ——; Northampton, 24.28; Chicopee, ——; Newburyport, 3.72; Marlborough, ——; Woburn, ——.

The total death rate for the week was 22.17, against 22.68 and 23.95 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 23, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	29.88	43.0	54	32.0	43	33	38.0	W.	W.	15	8	C.	O.		0.00
Monday, 18,	29.93	42.5	48	37.0	45	63	54.0	N.	S. E.	8	6	C.	C.		0.00
Tuesday, 19,	30.24	46.5	55	38.0	43	57	50.0	N.	S.	12	4	C.	C.		0.00
Wednes'y, 20,	30.81	52.0	65	39.0	39	43	41.0	N. W.	S W.	8	12	C.	C.		0.00
Thursday, 21,	30.29	50.0	58	42.0	45	85	65.0	W.	E.	3	14	C.	R.		0.13
Friday, 22,	29.88	54.5	66	43.0	81	91	86.0	S. W.	S.	9	6	O.	R.		0.38
Saturday, 23,	29.84	57.0	62	52.0	80	54	67.0	W.	W.	16	10	O.	C.		0.15
Week, - -	30.07	49.5	58.3	40.4	53.7	60.9	57.3			10.1	8.6				.093

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, April 30, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 17

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 30, 1892.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Scarlet-Fever.	Whooping-Cough.
Boston,	448,477	201	53	18	33	9	5	1
Worcester,	84,655	30	6	2	6	2	..	..
Lowell,	77,696	47	19	2	5	..	..	..
Fall River,	74,398	28	12	5	1	1	..	3
Cambridge,	70,028	25	6	2	4	..	1	..
Lynn,	55,727	19	5	..	3	..	..	..
Lawrence,	44,654	23	7	6	..	1	4	..
Springfield,	44,179	25	3	..	3	..	..	..
New Bedford,	40,733	12	6	3	2	..	..	3
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	17	3	..	2	..	..	..
Chelsea,	27,909	8	5	1	1	..	..	..
Haverhill,	27,412	8	0	1	1	..	1	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	15	1	1	1	1	..	..
Gloucester,	24,651	10	1	..	2	..	..	..
Newton,	24,379	5	3	..	2	..	..	..
Malden,	23,031	7	4	1	..	1	..	..
Fitchburg,	22,037	11	3	..	..	..	..	..
Waltham,	18,707	6	0	..	1	..	..	..
Pittsfield,	17,281	5	4	..	3	..	..	..
Quincy,	16,723	3	1	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	3	1	..	1	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	4	1	1	1	1	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	1	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	6	1	..	..	..	..	..
Peabody,	10,158	1	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Scarlet-Fever.	Whooping-Cough.
Total of reporting towns,	1,259,290	520	145	43	72	16	11	7

DEATHS FROM PREVALENT DISEASES IN THE 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet-fever, 11; whooping-cough, 7; diarrhœal diseases, 5; typhoid fever, 2; puerperal fever, 2.

No deaths were reported from small-pox, malarial fever, measles, cerebro-spinal meningitis and erysipelas.

There were 72 deaths from acute lung diseases: consumption, 63; and still-births, 39.

From diarrhœal diseases: Lowell, 2; Boston, Cambridge and Chelsea, 1 each. From typhoid fever: Boston and Lawrence, 1 each. From puerperal fever: Boston and Fall River, 1 each.

Deaths from the principal infectious diseases numbered 43, against 63 for the preceding week.

Deaths under five years of age numbered 145, against 166 for the preceding week.

Cases reported in Boston: scarlet-fever, 80; measles, 33; diphtheria, 25; and typhoid fever, 5.

The death rates for the week were: Boston, 23.30; Worcester, 18.42; Lowell, 31.48; Fall River, 21.56; Cambridge, 18.51; Lynn, 17.72; Lawrence, 26.78; Springfield, 29.42; New Bedford, 15.31; Somerville, ——; Holyoke, ——; Salem, 28.69; Chelsea, 14.90; Haverhill, 15.17; Brockton, ——; Taunton, 30.65; Gloucester, 21.06; Newton, 10.66; Malden, 15.80; Fitchburg, 25.95; Waltham, 16.67; Pittsfield, 15.04; Quincy, 9.32; North Adams, ——; Northampton, 10.40; Chicopee, ——; Newburyport, 14.81; Marlborough, ——; Woburn, ——.

The total death rate for the week was 21.47, against 22.17 and 22.68 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 30, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	30.16	56.0	65	47.0	47	23	35.0	W.	W.	12	12	C.	C.		0.00
Monday, 25,	30.45	40.5	54	27.0	46	52	49.0	N.W.	S.W.	9	12	F.	C.		0.00
Tuesday, 26,	30.38	45.0	54	36.0	42	35	38.0	N.	N.	12	5	C.	C.		0.00
Wednes'y, 27,	30.43	45.0	50	40.0	35	57	46.0	N. E.	S.	11	10	C.	C.		0.00
Thursday, 28,	30.11	45.5	51	40.0	71	67	69.0	S. W.	S W.	15	16	R.	O.		0.01
Friday, 29,	29.94	52.0	56	48.0	63	66	64.0	W.	S. W.	10	11	O.	O.		0.18
Saturday, 30,	30.26	48.0	56	40.0	52	31	42.0	W.	N.W.	15	13	C.	O.		0.00
Week, - -	30.24	47.4	55.0	38.0	50.0	47.0	49.0			12.0	11.0				0.027

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, May 7, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 18

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman*.
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Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary*.
F. P. STEARNS, C.E., *Engineer*.

MORTALITY OF MASSACHUSETTS

For the Week ending May 7, 1892.

Deaths reported to the State Board of Health in 21 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	226	66	16	43	1	8	5
Worcester,	84,655	35	7	2	6	..	1	..
Lowell,	77,696	44	15	8	4	5	..	..
Fall River,	74,398	..	..	..	..	..	..	..
Cambridge,	70,028	33	8	1	4	..	..	1
Lynn,	55,727	14	2	..	2	..	..	..
Lawrence,	44,654	28	5	3	5	..	..	2
Springfield,	44,179	18	8	3	5	..	1	1
New Bedford,	40,733	16	8	1	2	1	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	9	3	..	3	..	..	..
Chelsea,	27,909	14	7	..	1	..	..	..
Haverhill,	27,412	10	2	1	1	..	1	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	11	2	1	4	..	..	..
Gloucester,	24,651	5	1	1	..	..	..	..
Newton,	24,379	..	..	..	..	..	..	..
Malden,	23,031	9	3	1	1	..	1	..
Fitchburg,	22,037	8	2	..	1	..	..	..
Waltham,	18,707	8	3	1	1	..	..	..
Pittsfield,	17,281	5	3	2	..	..	2	..
Quincy,	16,723	5	2	1	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	..	..	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	1	0	..	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	2	0	..	..	..	..	..
Everett,	11,068	..	..	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	..	..	..	..	..	..	..
Peabody,	10,158	2	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,135,330	503	147	42	83	7	14	9

DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 14; scarlet-fever, 9; typhoid fever, 6; cerebro-spinal meningitis, 4; erysipelas and whooping-cough, each 1.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 83 deaths from acute lung diseases: consumption, 80; and still-births, 32.

From cerebro-spinal meningitis: Worcester, Taunton, Gloucester and Quincy, 1 each. From erysipelas: Lowell, 1. From whooping-cough: Boston, 1. From typhoid fever: Lowell, 2; Boston, Lawrence, Springfield and Waltham, 1 each.

Deaths from the principal infectious diseases numbered 42, against 43 for the preceding week.

Deaths under five years of age numbered 147, against 145 for the preceding week.

Cases reported in Boston: scarlet-fever, 83; measles, 38; diphtheria, 25; and typhoid fever, 14.

The death rates for the week were: Boston, 26.20; Worcester, 21.49; Lowell, 29.43; Fall River, ——; Cambridge, 23.40; Lynn, 13.06; Lawrence, 32.60; Springfield, 21.18; New Bedford, 20.42; Somerville, ——; Holyoke, ——; Salem, 15.19; Chelsea, 26.08; Haverhill, 18.96; Brockton, ——; Taunton, 22.47; Gloucester, 10.53; Newton, ——; Malden, 20.33; Fitchburg, 18.87; Waltham, 22.23; Pittsfield, 15.04; Quincy, 15.54; North Adams, ——; Northampton, ——; Chicopee, ——; Newburyport, 3.72; Marlborough, ——; Woburn, ——.

The total death rate for the week was 23.04, against 21.47 and 22.17 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, May 7, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	30.24	47.0	56	39.0	37	86	62.0	W.	S. W.	3	16	O.	R.		0.08
Monday, 2,	29.92	58.0	67	48.0	77	96	86.0	W.	N. E.	10	10	O.	R.		0.12
Tuesday, 3,	30.15	43.5	47	42.0	96	96	96.0	N. E.	N. E.	8	13	O.	O.		0.22
Wednes'y, 4,	30.00	59.0	74	41.0	93	45	66.0	S. W.	W.	3	15	O.	C.		0.40
Thursday, 5,	30.18	54.8	66	50.0	45	23	34.0	N. W.	N. W.	17	7	O.	O.		0.00
Friday, 6,	29.91	52.6	63	51.0	43	61	52.0	N.	W.	10	8	O.	O.		Trace.
Saturday, 7,	29.83	53.0	60	46.0	32	51	42.0	W.	N. W.	14	17	C.	C.		0.00
Week, - -	30.03	52.6	62.0	45.2	64.2	65.4	62.4			9.2	12.2				0.12

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 11 smaller towns of Massachusetts, as reported to the State Board of Health for the month of April.

The total death-rate of reporting towns for the month was 15.49.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diphtheria and Croup.	Cerebro-Spinal Meningitis.
Amesbury,	9,798	23	4	2	5	3	1	1
Middleborough,	6,065	4	0	..	..	..	..	..
Hudson,	4,670	10	1	2	1	..	2	..
Easton,	4,439	1	1	..	..	..	..	..
Concord,	4,427	2	1	..	..	..	..	..
Merrimac,	2,633	4	1	..	1	..	..	..
Groton,	2,037	1	0	..	1	..	..	..
Norton,	1,785	1	0	..	..	..	..	..
Shrewsbury,	1,449	2	1	..	..	..	..	..
Truro,	919	0	0	..	..	..	..	..
Wendell,	505	2	0	..	..	1	..	..
Total of reporting towns,	38,727	50	9	4	8	4	3	1

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 14, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of April.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 19

STATE BOARD OF HEALTH.

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F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 14, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	210	65	24	34	1	11	7
Worcester,	84,655	25	11	6	3	1	..	1
Lowell,	77,696	31	12	8	4	5	2	..
Fall River,	74,398	26	17	1	5	..	..	1
Cambridge,	70,028	24	4	5	3	2	1	..
Lynn,	55,727	24	4	5	3	..	2	..
Lawrence,	44,654	26	8	3	2	1	1	1
Springfield,	44,179	14	3	3	1	..	1	..
New Bedford,	40,733	16	5	1	1	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	5	1	..	..	..	..	..
Chelsea,	27,909	15	0	..	3	..	..	..
Haverhill,	27,412	9	2	..	1	..	..	..
Brockton,	27,294	5	1	1	1	..	1	..
Taunton,	25,445	3	1	2	..	1	..	1
Gloucester,	24,651	7	2	1	3	..	..	1
Newton,	24,379	..	..	..	..	..	..	..
Malden,	23,031	7	3	1	..	..	..	..
Fitchburg,	22,037	2	0	..	..	..	..	..
Waltham,	18,707	6	2	..	1	..	..	..
Pittsfield,	17,281	3	1	..	1	..	..	..
Quincy,	16,723	4	2	2	..	..	2	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	4	2	1	..	..	1	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	11	3	2	2	..	1	1
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	..	..	..	..	..	..	..
Medford,	11,079	5	0	1	..	1	..	..
Everett,	11,068	2	0	1	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	4	0	..	..	..	..	..
Peabody,	10,158	4	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,273,273	492	149	68	68	12	23	13

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 23; scarlet-fever, 13; diarrhœal diseases, 12; cerebro-spinal meningitis, 8; typhoid fever, 4; puerperal fever, 3; malarial fever, 2; whooping-cough, 2; erysipelas, 1.

No deaths were reported from small-pox and measles.

There were 68 deaths from acute lung diseases: consumption, 60; and still-births, 40.

From cerebro-spinal meningitis: Worcester, 4; Lynn, 3; Boston, 1. From typhoid fever: Boston, 2; Lowell and Cambridge, 1 each. From puerperal fever: Cambridge, Springfield and Everett, 1 each. From malarial fever: Boston and Springfield, 1 each. From whooping-cough: New Bedford and Malden, 1 each. From erysipelas: Boston, 1.

Deaths from the principal infectious diseases numbered 68, against 42 for the preceding week.

Deaths under five years of age numbered 149, against 147 for the preceding week.

Cases reported in Boston: scarlet-fever, 76; diphtheria, 35; measles, 19; and typhoid fever, 7.

The death rates for the week were: Boston, 24.34; Worcester, 15.35; Lowell, 20.73; Fall River, 18.16; Cambridge, 17.82; Lynn, 22.39; Lawrence, 30.27; Springfield, 16.47; New Bedford, 44.25; Somerville, ——; Holyoke, ——; Salem, 8.44; Chelsea, 27.94; Haverhill, 17.07; Brockton, 9.52; Taunton, 6.13; Gloucester, 14.74; Newton, ——; Malden, 15.80; Fitchburg, 4.71; Waltham, 16.67; Pittsfield, 9.02; Quincy, 12.43; North Adams, ——; Northampton, 13.87; Chicopee, ——; Newburyport, 41.00; Marlborough, ——; Woburn, ——.

The total death rate for the week was 20.09, against 23.04 and 21.47 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, May 14, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	30.04	50.0	60	40.0	53	49	51.0	N. W.	N. W.	20	8	F.	F.		Trace.
Monday, 9,	30.20	54.0	57	50.0	71	51	61.0	N. E.	W.	14	2	C.	C.		0.00
Tuesday, 10,	30.14	52.0	58	47.0	46	53	50.0	N. E.	S.	9	12	C.	O.		0.00
Wednes'y, 11,	29.66	52.0	57	46.0	78	97	87.0	S. E.	N. W.	9	8	O.	O.		0.49
Thursday, 12,	29.88	50.0	52	47.0	80	77	78.0	N.	S. E.	7	8	O.	R.		0.01
Friday, 13,	30.19	50.0	54	47.0	87	69	78.0	N.	S. E.	5	7	O.	C.		0.05
Saturday, 14,	30.36	58.0	67	49.0	61	75	68.0	S. W.	S.	7	12	F.	F.		0.00
Week, - -	30.06	52.0	58.0	46.0	68.0	67.0	68.0			10	8.00				0.078

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of April :—

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	158	210	368	Maple Syrup, . .	4	2	6
Butter, . . .	6	7	13	Canned Goods. .	2	8	10
Cheese, . . .	1	0	1	Honey. . . .	1	1	2
Lard, . . .	3	0	3	Tea, . . .	..	..	..
Olive Oil, . . .	..	..	..	Coffee. . . .	1	0	1
Vinegar, . . .	1	0	1	Cocoa, . . .	..	..	..
Spices, . . .	28	4	32	Confectionery, .	4	0	4
Cream of Tartar, .	11	0	11	Other articles of Food and Drinks,	3	2	5
Molasses, . .	7	0	7	Drugs, . . .	18	13	31
Syrups, . . .	..	..	..				
Maple Sugar, . .	7	0	7				
				Totals, . .	255	247	502

Percentage of adulteration, 49.2. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 57.0.

Fifteen complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Of these seven were for violation of statutes relating to the sale of Milk, two of Coffee, two of Cream of Tartar, one of Honey, one of Mustard, one of French Peas, one of Face Bleach. In fourteen cases the parties were convicted. Fines were imposed amounting to $296.

The samples of drugs found to be adulterated were Citrate of Iron and Quinine, Face Wash, Red Wine, Spirits of Juniper, Spirits of Nitrous Ether, Tincture of Iodine, Tincture of Opium and Whiskey.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Fall River, Cambridge, Lynn, Lawrence, Springfield, New Bedford, Somerville, Chelsea, Haverhill, Taunton, Gloucester, Newton, Fitchburg, Quincy, Northampton, Marlborough, Amherst, Brookline, Hyde Park, Milford, Natick, Revere, Westfield and Winthrop.

In consequence of two recent outbreaks of trichinosis in Massachusetts, with about 50 cases and five deaths from this cause, the Board has directed an inquiry to be made in addition to previous investigations, relative to the existence of trichinæ in hog products.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 21, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 20

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 21, 1892.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	188	45	28	32	2	12	10
Worcester,	84,655	32	10	6	2	1	3	..
Lowell,	77,696	31	7	2	2	2	..	..
Fall River,	74,398	34	17	1	9	..	..	..
Cambridge,	70,028	22	5	..	3	..	..	..
Lynn,	55,727	15	4	2	3	..	1	..
Lawrence,	44,654	14	7	2	1	..	..	..
Springfield,	44,179	14	4	2	3	1	1	..
New Bedford,	40,733	20	8	2	5	..	..	1
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	13	5	4	3	..	1	..
Salem,	30,801	10	1	..	1	..	..	..
Chelsea,	27,909	8	0	1	2	..	..	..
Haverhill,	27,412	11	1	..	4	..	..	..
Brockton,	27,294	9	2	..	3	..	..	..
Taunton,	25,445	8	2	..	1	..	..	..
Gloucester,	24,651	5	3	..	3	..	..	..
Newton,	24,379	11	2	..	3	..	..	..
Malden,	23,031	8	1	..	..	..	..	..
Fitchburg,	22,037	4	1	1	..	..	..	..
Waltham,	18,707	4	1	..	..	..	..	..
Pittsfield,	17,281	4	2	..	1	..	..	..
Quincy,	16,723	6	1	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	8	1	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	6	2	2	..	2	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	2	1	..	1	..	..	..
Medford,	11,079	3	0	..	1	..	..	..
Everett,	11,068	5	2	1	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	6	0	1	1	..	..	..
Peabody,	10,158	5	0	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,345,392	506	135	55	85	8	18	11

DEATHS FROM PREVALENT DISEASES IN THE 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 18; scarlet-fever, 11; typhoid fever, 8; diarrhœal diseases, 6; cerebro-spinal meningitis, 4; measles, 4; malarial fever, 2; whooping-cough, 1; puerperal fever, 1.

No deaths were reported from small-pox.

There were 85 deaths from acute lung diseases: consumption, 58; and still-births, 41.

From diarrhœal diseases: Boston and Lawrence, 2 each; Holyoke and Chelsea, 1 each. From cerebro-spinal meningitis: Boston, Worcester, Lynn and Hyde Park, 1 each. From measles: Holyoke, 2; Fall River and Springfield, 1 each. From malarial fever: Boston and Fitchburg, 1 each. From whooping-cough: Worcester. 1.

Deaths from the principal infections diseases numbered 55, against 68 for the preceding week.

Deaths under five years of age numbered 135, against 149 for the preceding week.

Cases reported in Boston: scarlet-fever, 94; measles, 50; diphtheria, 28; and typhoid fever, 24.

The death rates for the week were: Boston, 21.79; Worcester, 19.64; Lowell, 20.73; Fall River, 23.75; Cambridge, 16.33; Lynn, 14.29; Lawrence, 16.30; Springfield, 16.47; New Bedford, 25.53; Somerville, ——; Holyoke, 18.96; Salem, 16.88; Chelsea, 14.90; Haverhill, 20.86; Brockton, 17.14; Taunton, 16.34; Gloucester, 10.53; Newton, 10.66; Malden, 24.83; Fitchburg, 18.87; Waltham, 11.11; Pittsfield, 12.03; Quincy, 18.65; North Adams, ——; Northampton, 27.75; Chicopee, ——; Newburyport, 22.36; Marlborough, ——; Woburn, ——.

The total death rate for the week was 19.56, against 20.09 and 23.04 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, May 21, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	30.14	50.8	52.6	49.0	97	100	98.0	S. E.	N. W.	10	9	R.	R.		0.99
Monday, 16,	29.41	64.0	75.8	51.2	85	41	63.0	S. W.	W.	18	16	O.	O.		T.
Tuesday, 17,	30.06	63.3	73.1	53.5	39	34	36.0	W.	W.	10	12	C.	C.		0.00
Wednes'y, 18,	30.03	64.5	74.6	54.5	35	57	46.0	N. W.	E.	14	9	C.	C.		0.00
Thursday, 19,	30.06	48.0	50.2	45.0	80	82	81.0	E.	E.	14	21	C.	R.		T.
Friday, 20,	30.00	42.0	44.4	39.5	100	85	92.0	N. E.	N. E.	24	6	R.	O.		0.77
Saturday, 21,	30.08	44.0	45.0	42.0	85	100	92.0	E.	E.	22	25	R.	R.		0.66
Week, - -	29.96	54.0	59.3	48.0	62.0	46.0	72.0			16	14				0.34

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 28, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 21

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 28, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

Cities and Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	195	53	27	32	..	12	9
Worcester,	84,655	31	6	4	6	..	1	1
Lowell,	77,696	35	11	6	2	3	..	..
Fall River,	74,398	..	..	..	..	..	..	..
Cambridge,	70,028	27	7	8	5	1	3	3
Lynn,	55,727	23	5	..	3	..	..	..
Lawrence,	44,654	24	..	5	5	1	..	..
Springfield,	44,179	15	2	2	1	..	4	..
New Bedford,	40,733	15	4	..	1	..	1	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	28	14	7	7	3	2	..
Salem,	30,801	17	7	..	1	..	..	..
Chelsea,	27,909	..	..	..	..	..	..	..
Haverhill,	27,412	6	2	1	1	..	..	..
Brockton,	27,294	5	1	..	1	..	..	..
Taunton,	25,445	9	2	..	1	..	..	..
Gloucester,	24,651	..	..	..	..	..	..	..
Newton,	24,379	5	1	..	1	..	..	..
Malden,	23,031	13	4	4	1	1	3	..
Fitchburg,	22,037	8	1	..	..	..	..	..
Waltham,	18,707	4	1	..	1	..	..	..
Pittsfield,	17,281	7	2	..	1	..	..	..
Quincy,	16,723	7	0	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	5	3	1	..	..	..	1
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	8	3	1	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	4	2	..	2	..	..	..
Medford,	11,079	1	0	..	..	..	..	..
Everett,	11,068	3	0	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	1	0	..	..	..	..	..
Peabody,	10,158	5	1	..	1	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,218,434	501	132	66	73	9	26	14

DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 26; scarlet-fever, 14; diarrhœal diseases, 9; cerebro-spinal meningitis, 5; typhoid fever, 4; whooping-cough, 4; erysipelas, 3; malarial fever, 1.

No deaths were reported from small-pox, measles and puerperal fever.

There were 73 deaths from acute lung diseases: consumption, 66; and still-births, 22.

From cerebro-spinal meningitis: Worcester and Holyoke, 2 each; Lowell, 1. From typhoid fever: Boston and Lowell, 2 each. From whooping-cough: Boston, Cambridge, Haverhill and Newburyport, 1 each. From erysipelas: Boston, 3. From malarial fever: Springfield, 1.

Deaths from the principal infectious diseases numbered 66, against 55 for the preceding week.

Deaths under five years of age numbered 132, against 135 for the preceding week.

Cases reported in Boston: scarlet-fever, 89; measles, 53; diphtheria, 53; and typhoid fever, 7.

The death rates for the week were: Boston, 22.61; Worcester, 19.34; Lowell, 23.41; Fall River, ——; Cambridge, 20.04; Lynn, 21.46; Lawrence, 27.94; Springfield, 17.65; New Bedford, 19.14; Somerville, ——; Holyoke, 30.82; Salem, 28.69; Chelsea, ——; Haverhill, 11.38; Brockton, 9.52; Taunton, 18.39; Gloucester, ——; Newton, 10 66; Malden, 29.35; Fitchburg, 18.87; Waltham, 11.11; Pittsfield, 21.06; Quincy, 21.76; North Adams, ——; Northampton, 17.34; Chicopee, ——; Newburyport, 29.82; Marlborough, ——; Woburn, ——.

The total death rate for the week was 21.39, against 19.56 and 20.09 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 28, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 22,	29.82	48.5	53.8	43.2	93	89	91.0	N.	E.		11	6		O.	R.			0.45
Monday, 23,	29.54	50.1	57.0	43.2	100	59	80.0	N.	W.		18	8		R.	C.			0.48
Tuesday, 24,	29.76	58.0	67.2	48.8	59	43	51.0	W.	S. W.		18	10		F.	C.			0.00
Wednes'y, 25,	29.84	66.2	76.6	55.8	48	55	52.0	S. W.	S. W.		18	7		F.	O.			0.00
Thursday, 26,	29.76	67.0	77.5	56.4	94	74	84.0	S.	S.		12	12		O.	O.			0.32
Friday, 27,	29.54	62.0	67.2	57.0	84	59	72.0	S. W.	W.		14	11		O.	C.			0.11
Saturday, 28,	29.84	62.0	69.9	54.2	61	46	54.0	W.	W.		18	9		F.	C.			0.00
Week, - -	29.72	59.1	67.0	51.2	74.0	70.0	69.0				16	9						0.019

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, June 4, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 22

STATE BOARD OF HEALTH.

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Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary*.
F. P. STEARNS, C.E., *Engineer*.

MORTALITY OF MASSACHUSETTS

For the Week ending June 4, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	209	61	21	27	3	7	4
Worcester,	84,655	28	12	1	3	..	..	1
Lowell,	77,696	34	6	5	6	1	..	..
Fall River,	74,398	..	..	..	..	..	..	..
Cambridge,	70,028	34	11	3	6	..	3	..
Lynn,	55,727	25	6	6	2	1	3	..
Lawrence,	44,654	19	9	5	3	..	1	..
Springfield,	44,179	16	0	1	5	..	..	..
New Bedford,	40,733	7	2	..	..	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	12	3	1	2	1	..	..
Chelsea,	27,909	..	..	..	..	..	..	..
Haverhill,	27,412	9	1	..	1	..	..	..
Brockton,	27,294	..	..	..	..	..	..	..
Taunton,	25,445	3	1	..	..	..	..	..
Gloucester,	24,651	..	..	..	..	..	..	..
Newton,	24,379	8	4	2	1	1	..	..
Malden,	23,031	8	4	3	..	..	1	1
Fitchburg,	22,037	14	5	..	2	..	..	..
Waltham,	18,707	5	0	..	..	..	..	..
Pittsfield,	17,281	3	3	..	..	..	..	..
Quincy,	16,723	6	0	..	1	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	3	0	..	..	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	3	0	..	1	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	1	0	..	..	..	..	..
Medford,	11,079	3	0	..	..	..	..	..
Everett,	11,068	9	4	..	3	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	..	..	..	..	..	..	..
Peabody,	10,158	1	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,145,310	460	132	48	63	7	15	6

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 15; typhoid fever, 7; cerebro-spinal meningitis, 7; scarlet-fever, 6; diarrhœal diseases, 4; erysipelas, 4; puerperal fever, 2; whooping-cough, 1; measles, 1.

No deaths were reported from small-pox and malarial fever.

There were 63 deaths from consumption: acute lung diseases, 47; and still-births, 22.

From cerebro-spinal meningitis: Lawrence, 3: Lynn, 2; Boston and Malden, 1 each. From diarrhœal diseases: Lowell, 2; Boston and Lawrence, 1 each. From erysipelas: Boston, 3; Lowell, 1. From puerperal fever: Lowell and Springfield, 1 each. From whooping-cough: Boston, 1. From measles: Newton, 1.

Deaths from the principal infectious diseases numbered 48, against 66 for the preceding week.

Deaths under five years of age numbered 132, the same as for the preceding week.

Cases reported in Boston: scarlet-fever, 74; measles, 37; diphtheria, 24; and typhoid fever, 10.

The death rates for the week were: Boston, 24.13; Worcester, 17.19; Lowell, 22.74; Fall River, ——; Cambridge, 24.24; Lynn, 23.32; Lawrence, 22.12; Springfield, 18.83; New Bedford, 8.93; Somerville, ——; Holyoke, ——; Salem, 20.25; Chelsea, ——; Haverhill, 17.07; Brockton, ——; Taunton, 6.13; Gloucester, ——; Newton, 17 00; Malden, 18.06; Fitchburg, 34.03; Waltham, 13.89; Pittsfield, 9.02; Quincy, 18.65; North Adams, ——; Chicopee, ——; Northampton, 10.40; Newburyport, 11.18; Marlborough, ——; Woburn, ——.

The total death rate for the week was 28.84, against 21.39 and 19.56 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 4, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, May 29,	30.052	64	76	52	43	85	64	W.	S.		4	15		C.	O.			0.00
Monday, 30,	30.126	64	65	62	75	85	80	S. W.	S.		21	10		O.	O.			T.
Tuesday, 31,	30.410	69	77	61	81	85	83	S.	S. E.		6	2		F.	C.			0.00
Wednes'y, June 1,	30.160	74	88	60	88	71	80	S. W.	S. W.		10	20		F.	C.			0.00
Thursday, 2,	29.56	80	91	68	67	58	62	S. W.	W.		17	10		C.	F.			0.00
Friday, 3,	30.110	66	72	60	79	59	69	N.	S. E.		15	6		R.	O.			0.33
Saturday, 4,	30.428	55	67	58	67	58	62	E.	S. E.		9	6		O.	O.			0.00
Week, - -	30.120	67	76	60	71	72	71				12	9						0.044

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 12 smaller towns of Massachusetts, as reported to the State Board of Health for the month of May.

The total death-rate of reporting towns for the month was 14.74.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.
Amesbury,	9,798	12	2	1	..	4	..	..
Middleborough,	6,065	6	0	1	2	..	..	1
Hudson,	4,670	3	1	1	2	..	..	..
Easton,	4,439	11	3	2	..	2	1	1
Easthampton,	4,395	1	0	1	..	..	1	..
Merrimac,	2,633	3	1	..	1	..	..	..
Groton,	2,037	2	0	..	..	..	..	..
Norton,	1,785	2	0	..	..	..	..	..
Topsfield,	1,141	6	1	..	3	1	..	..
Truro,	972	0	0	..	..	..	..	..
Burlington,	617	1	0	..	..	..	..	..
Wendell,	505	1	0	..	..	..	..	..
Total of reporting towns,	39,057	48	8	6	8	7	2	2

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, June 11, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of May.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 23

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
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JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 11, 1892.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	169	47	23	29	4	6	6
Worcester,	84,655	28	13	3	3	1	1	..
Lowell,	77,696	33	17	7	1	5	..	1
Fall River,	74,398	16	6	1	2	..	..	..
Cambridge,	70,028	..	..	..	..	..	..	..
Lynn,	55,727	16	2	..	2	..	..	..
Lawrence,	44,654	19	10	4	2	2	..	1
Springfield,	44,179	19	4	3	2	..	1	..
New Bedford,	40,733	10	5	1	..	..	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	11	7	5	1	2	1	..
Salem,	30,801	8	2	..	1	..	..	..
Chelsea,	27,909	..	..	..	..	..	..	..
Haverhill,	27,412	8	3	2	1	..	..	..
Brockton,	27,294	6	3	..	..	..	..	..
Taunton,	25,445	7	1	..	2	..	..	..
Gloucester,	24,651	..	..	..	..	..	..	..
Newton,	24,379	2	0	..	1	..	..	..
Malden,	23,031	8	1	2	..	..	1	..
Fitchburg,	22,037	6	4	..	..	..	..	..
Waltham,	18,707	2	0	1	..	1	..	..
Pittsfield,	17,281	4	3	2	..	..	1	1
Quincy,	16,723	2	1	1	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	4	1	..	2	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	6	1	..	1	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	4	0	..	1	..	..	..
Medford,	11,079	4	0	..	1	..	..	..
Everett,	11,068	6	0	4	1	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	4	0	..	1	..	..	..
Peabody,	10,158	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,212,646	402	131	59	54	15	11	9

DEATHS FROM PREVALENT DISEASES IN THE 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-nine deaths were reported from the principal infectious diseases: diarrhœal diseases, 15; diphtheria and croup, 11; scarlet-fever, 9; typhoid fever, 6; cerebro-spinal meningitis, 4; whooping-cough, 4; erysipelas, 4; measles, 3; small-pox, 1; malarial fever, 1; puerperal fever, 1.

There were 54 deaths from consumption; acute lung diseases, 48; and still-births, 34.

From typhoid fever: Boston, 2; Lowell, Holyoke, Haverhill and Everett, 1 each. From cerebro-spinal meningitis: Haverhill, Malden, Quincy and Everett, 1 each. From whooping-cough: Boston, 2; Worcester and Lawrence, 1 each. From erysipelas: Boston, 2; Springfield and Everett, 1 each. From measles: Fall River, Springfield and Holyoke, 1 each. From small-pox: New Bedford, 1. From malarial fever: Everett, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 59, against 47 for the preceding week.

Deaths under five years of age numbered 131, against 132 for the preceding week.

Cases reported in Boston: measles, 47; scarlet-fever, 52; diphtheria, 15; and typhoid fever, 12.

The death rates for the week were: Boston, 19.59; Worcester, 17.19; Lowell, 22.77; Fall River, 11.22; Cambridge, ——; Lynn, 14.92; Lawrence, 22.12; Springfield, 22.36; New Bedford, 12.76; Somerville, ——; Holyoke, 16.04; Salem, 11.50; Chelsea, ——; Haverhill, 15.17; Brockton, 11.43; Taunton, 14.30; Gloucester, ——; Newton, 4 26; Malden, 18.06; Fitchburg, 14.15; Waltham, 5 55; Pittsfield, 12.03; Quincy, 6.21; North Adams, ——; Northampton, 13.87; Chicopee, ——; Newburyport, 22.36; Marlborough, ——; Woburn, ——.

The total death rate for the week was 17.23, against 28.84 and 21.39 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, June 11, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 5,	30.232	65	75	56	58	85	72	S.	S.	13	12	O.	O.		T.
Monday, 6,	29.884	74	84	64	82	68	70	W.	W.	10	10	F.	F.		T.
Tuesday, 7,	30.150	65	70	60	53	55	54	N. E.	S.	18	10	C.	C.		0.00
Wednes'y, 8,	30.181	66	76	56	38	64	51	S. W.	S.	9	12	F.	O.		0.00
Thursday, 9,	29.900	60	67	53	97	90	94	E.	N. E.	5	3	O.	O.		0.31
Friday, 10,	30.003	55	57	52	72	42	57	N. E.	E.	24	3	O.	O.		0.00
Saturday, 11,	29.998	65	81	49	68	58	63	W.	S. W.	9	15	F.	C.		0.00
Week, - -	30.049	64	73	56	66	66	66			12	9				0.044

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of May :—

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	282	43	325	Maple Syrup, . .	2	0	2
Butter, . . .	45	2	47	Canned Goods, .	0	12	12
Cheese, . . .	2	0	2	Honey, . . .	1	4	5
Lard, . . .	0	0	0	Tea, . . .	3	0	3
Olive Oil, . . .	0	0	0	Coffee, . . .	3	0	3
Vinegar, . . .	12	5	17	Cocoa, . . .	0	0	0
Spices, . . .	40	9	49	Confectionery, .	2	0	2
Cream of Tartar, .	25	1	26	Other articles of Food and Drinks,	6	4	10
Molasses, . . .	9	0	9	Drugs, . . .	23	6	29
Syrups, . . .	0	0	0				
Maple Sugar, . .	2	0	2	Totals, . .	457	86	543

Percentage of adulteration, 15.8. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was but 13.2 per cent. The number of samples which contained between 12 and 13 per cent. of solids was 124, or 38.1 per cent., the standard for the months of May and June being only 12 per cent. of solids.

Seven complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Six of these were for violation of the laws relating to the sale of Milk, of which three were entered at Lowell, under the provisions of the Act of 1889 relative to the feeding of milch cows with garbage or offal. Another case related to the sale of Clam Bouillon containing Salicylic Acid.

The samples of drugs found to be adulterated were Stronger Ether, Liquid Citrate of Magnesium and Tincture of Opium.

The cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Lawrence, Springfield, Somerville, Holyoke, Salem, Chelsea, Brockton, Gloucester, Newton, Marlborough, Bedford, Brookline, Dedham, Dover, Medford, Needham, Revere, Watertown and Westborough.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, June 18, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 24

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 18, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	199	65	27	25	4	12	5
Worcester,	84,655	30	10	2	5	..	1	..
Lowell,	77,696	39	17	8	1	8	..	..
Fall River,	74,398	32	16	7	2	3	1	1
Cambridge,	70,028	30	11	4	5	2	2	..
Lynn,	55,727	14	2	2	6	1	..	..
Lawrence,	44,654	..	..	..	..	..	..	..
Springfield,	44,179	14	7	4	..	2	1	..
New Bedford,	40,733	20	10	4	..	3	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	10	3	2	3	1	..	1
Chelsea,	27,909	11	0	..	3	..	..	..
Haverhill,	27,412	9	2	..	3	..	..	..
Brockton,	27,294	4	2	..	..	..	..	..
Taunton,	25,445	10	1	2	..	..	1	..
Gloucester,	24,651	1	0	..	..	..	..	..
Newton,	24,379	6	0	..	1	..	..	..
Malden,	23,031	5	2	..	..	..	..	..
Fitchburg,	22,037	11	2	1	1	..	1	..
Waltham,	18,707	6	0	..	1	..	..	..
Pittsfield,	17,281	3	3	1	..	..	..	1
Quincy,	16,723	1	0	..	..	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	6	1	..	2	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	3	1	..	..	..	..	..
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	11	4	1	3	..	..	..
Medford,	11,079	7	0	..	..	..	..	..
Everett,	11,068	2	0	..	..	..	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	3	0	..	1	..	..	..
Peabody,	10,158	2	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,265,101	489	159	65	62	24	19	8

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-five deaths were reported from the principal infectious diseases: diarrhœal diseases, 24; diphtheria and croup, 19; scarlet-fever, 8; measles, 4; typhoid fever, 3; whooping-cough, 2; cerebro-spinal meningitis, 2; puerperal fever, 1; erysipelas, 1; small-pox, 1.

No deaths were reported from malarial fever.

There were 62 deaths from consumption; acute lung diseases, 43; and still-births, 33.

From measles: Boston, 2; Fall River and Springfield, 1 each. From typhoid fever: Boston, Worcester and Taunton, 1 each. From whooping-cough: Boston and Fall River, 1 each. From cerebro-spinal meningitis: Lynn and Brookline, 1 each. From puerperal fever: Boston, 1. From erysipelas: Boston, 1. From small-pox: New Bedford, 1.

Deaths from the principal infectious diseases numbered 65, against 59 for the preceding week.

Deaths under five years of age numbered 159, against 131 for the preceding week.

Cases reported in Boston: scarlet-fever, 47; measles, 30; diphtheria, 23; and typhoid fever, 15.

The death rates for the week were: Boston, 23.07; Worcester, 18.42; Lowell, 26.09; Fall River, 22.36; Cambridge, 22.27; Lynn, 13.06; Lawrence, ——; Springfield, 16.47; New Bedford, 25.53; Somerville, ——; Holyoke, ——; Salem. 16.88; Chelsea, 20.49; Haverhill, 17.07; Brockton, 17.14; Taunton, 20.43; Gloucester, 2.10; Newton, 12.79; Malden. 11.28; Fitchburg, 25.95; Waltham, 16.67; Pittsfield, 9.02; Quincy, 3.10; North Adams, ——; Northampton, 10.40; Chicopee, ——; Newburyport, 11.18; Marlborough, ——; Woburn, ——.

The total death rate for the week was 20.06, against 17.23 and 28.84 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 18, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 12,	29.870	74	90	58	60	54	57	W.	W.		22	14		C.	C.			0.00
Monday, 13,	29.895	83	94	72	66	69	67	W.	S.W.		9	12		C.	C.			0.00
Tuesday, 14,	29.803	85	96	74	61	70	66	W.	W.		10	13		C.	R.			0.01
Wednes'y, 15,	30.052	69	74	64	51	58	54	N.W.	S.		14	12		C.	C.			0.11
Thursday, 16,	30.089	69	80	58	58	77	68	S.	W.		11	24		F.	C.			0.00
Friday, 17,	30.089	76	92	60	70	87	78	S.W.	N.E.		11	12		C.	O.			0.73
Saturday, 18,	30.297	61	64	58	73	89	81	N.E.	E.		12	10		O.	O.			0.00
Week, - -	30.013	74	83	63	62	72	67				13	14						0.121

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 25, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 25

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 25, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	448,477	166	45	13	13	3	3	4
Worcester,	84,655	21	10	6	1	..	1	..
Lowell,	77,696	32	17	8	3	8	..	..
Fall River,	74,398	..	..	..	..	..	..	..
Cambridge,	70,028	22	9	3	4	2	..	..
Lynn,	55,727	14	3	3	1	..	2	..
Lawrence,	44,654	15	5	2	3	1	..	..
Springfield,	44,179	12	4	3	1	1	..	..
New Bedford,	40,733	16	6	2	3	2	..	..
Somerville,	40,152	..	..	..	..	..	..	..
Holyoke,	35,637	..	..	..	..	..	..	..
Salem,	30,801	10	1	..	1	..	..	..
Chelsea,	27,909	8	5	1	2	..	..	1
Haverhill,	27,412	7	2	1	1	..	..	1
Brockton,	27,294	8	0	..	1	..	..	..
Taunton,	25,445	5	1	..	1	..	..	..
Gloucester,	24,651	1	0	..	..	..	..	..
Newton,	24,379	6	1	1	1	1	..	..
Malden,	23,031	6	1	..	1	..	..	..
Fitchburg,	22,037	11	6	..	1	..	..	..
Waltham,	18,707	6	0	..	1	..	..	..
Pittsfield,	17,281	3	2	1	..	..	1	..
Quincy,	16,723	3	0	..	1	..	..	..
North Adams,	16,074	..	..	..	..	..	..	..
Northampton,	14,990	4	0	..	2	..	..	..
Chicopee,	14,050	..	..	..	..	..	..	..
Newburyport,	13,947	5	0	2	..	1	..	1
Marlborough,	13,805	..	..	..	..	..	..	..
Woburn,	13,499	..	..	..	..	..	..	..
Brookline,	12,103	2	1	..	..	..	..	..
Medford,	11,079	6	1	..	2	..	..	..
Everett,	11,068	7	3	1	1	1	..	..
Weymouth,	10,866	..	..	..	..	..	..	..
Beverly,	10,821	..	..	..	..	..	..	..
Clinton,	10,424	..	..	..	..	..	..	..
Hyde Park,	10,193	5	0	..	2	..	..	..
Peabody,	10,158	2	0	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,235,357	403	123	47	47	20	7	7

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-seven deaths were reported from the principal infectious diseases; diarrhœal diseases, 20; diphtheria and croup, 7; scarlet-fever, 7; cerebro-spinal meningitis, 5; typhoid fever, 4; malarial fever, erysipelas and whooping-cough, each 1.

No deaths were reported from small-pox and puerperal fever.

There were 47 deaths from consumption; acute lung diseases, 27; and still-births, 26.

From cerebro-spinal meningitis: Worcester, 5. From typhoid fever: Boston, 2; Lynn and Lawrence, 1 each. From malarial fever: Springfield, 1. From erysipelas: Springfield, 1. From whooping-cough: Cambridge, 1.

Deaths from the principal infectious diseases numbered 47, against 65 for the preceding week.

Deaths under five years of age numbered 123, against 159 for the preceding week.

Cases reported in Boston: measles, 50; scarlet-fever, 42; typhoid fever, 12; and diphtheria, 11.

Death rates for the week were: Boston, 19.24; Worcester, 12.89; Lowell, 21.40; Fall River, ——; Cambridge, 16.33; Lynn, 12.16; Lawrence, 17.46; Springfield, 14.12; New Bedford, 20.42; Somerville, ——; Holyoke, ——; Salem, 16.88; Chelsea, 14.90; Haverhill, 13.27; Brockton, 15.24; Taunton, 10.21; Gloucester, 2.10; Newton, 12.79; Malden, 13.54; Fitchburg, 25.95; Waltham, 16.67; Pittsfield, 9.02; Quincy, 9.32; North Adams, ——; Northampton, 13.87; Chicopee, ——; Newburyport, 18.64; Marlborough, ——; Woburn, ——.

The total death rate for the week was 16.96, against 20.06 and 17.23 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 25, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 19,	29.923	68	79	56	94	86	90	E.	S.W.		3	15		O.	O.			0.00
Monday, 20,	29.611	79	88	70	76	48	62	S.W.	W.		20	12		O.	F.			0.00
Tuesday, 21,	29.650	75	90	70	67	61	64	W.	W.		10	9		C.	C.			0.00
Wednes'y, 22,	29.678	79	87	71	57	45	51	N.	W.		6	15,		O.	F.			0.00
Thursday, 23,	29.782	71	76	65	50	80	65	W.	N.W.		10	8		O.	O.			0.02
Friday, 24,	29.968	61	65	57	89	79	84	N.	S.E.		9	9		O.	O.			T.
Saturday, 25,	29.939	65	72	58	94	90	92	S.E.	N.W.		18	4		R.	O.			0.99
Week, - -	29.792	71	77	64	75	70	73				11	10						0.144

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, July 2, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 26

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 2, 1892.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Boston,	469,645	146	46	16	19	9	2	2
Worcester,	92,313	21	10	5	1	4	1	..
Lowell,	82,455	30	12	3	4	3	..	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	30	12	5	7	2	1	1
Lynn,	60,809	18	3	1	3	..	..	..
Springfield,	47,052	17	9	5	2	5	..	..
Lawrence,	45,910	15	5	3	2	..	..	2
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	21	11	1	4	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	6	1	..	1	..	..	..
Haverhill,	30,065	3	0	..	..	..	..	..
Chelsea,	29,479	..	..	..	..	..	..	..
Fitchburg,	27,444	7	4	1	..	..	1	..
Gloucester,	26,805	9	3	..	..	..	..	..
Malden,	26,783	2	0	1	..	..	1	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	5	3	..	..	..	..	..
Brockton,	26,464	8	0	1	..	..	..	1
Waltham,	20,942	7	0	..	3	..	..	..
Pittsfield,	18,294	2	2	..	..	..	..	..
Quincy,	17,930	5	3	2	..	1	1	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	5	0	..	1	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	3	1	..	1	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	1	1	..	..	..	..	..
Amesbury,	13,561	3	2	..	..	..	..	..
Brookline,	13,319	6	1	..	..	..	..	..
Medford,	12,105	1	1	..	..	..	..	..
Beverly.	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	..	..	..	..	..	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-Fever.
Total of reporting towns,	1,253,306	371	130	44	48	24	7	6

DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-four deaths were reported from the principal infectious diseases; diarrhœal diseases, 24; diphtheria and croup, 7; scarlet-fever, 6; cerebro-spinal meningitis, 4; puerperal fever, typhoid fever, erysipelas and whooping-cough, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 48 deaths from consumption; acute lung diseases, 40; and still-births, 27.

From cerebro-spinal meningitis: Boston, Worcester, Lynn and New Bedford, 1 each. From puerperal fever: Boston, 1. From typhoid fever: Lawrence, 1. From erysipelas: Boston, 1. From whooping-cough: Cambridge, 1.

Deaths from the principal infectious diseases numbered 44, against 47 for the preceding week.

Deaths under five years of age numbered 130, against 123 for the preceding week.

Cases reported in Boston: scarlet-fever, 40; measles, 24; typhoid fever, 13; and diphtheria, 10.

Death rates for the week were: Boston, 16.16; Worcester, 18.91; Lowell, ——; Fall River, ——; Cambridge, 20.89; Lynn, 15.38; Springfield, 18.70; Lawrence, 16.98; Somerville, ——; New Bedford, 24.29; Holyoke, ——; Salem, 9.90; Haverhill, 5.18; Chelsea, ——; Fitchburg, 13.26; Gloucester, 17.46; Malden, 3.88; Newton, ——; Taunton, 9.82; Brockton, 15.72; Waltham, 12.60; Pittsfield, 5.74; Quincy, 14.50; North Adams, ——; Northampton, 16.57; Marlborough, ——; Woburn, ——; Newburyport, 3.70.

The total death rate for the week was 15.39, against 16.96 and 20.06 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 2, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 26,	30.018	61	66	56	89	85	87	N.E.	S.		2	12		O.	F.			0.08
Monday, 27,	29.953	65	70	60	90	92	91	S.	E.		8	15		R.	O.			0.17
Tuesday, 28,	29.652	65	82	59	82	59	70	S. W.	W.		19	16		O.	O.			0.30
Wednes'y, 29,	29.997	70	79	62	64	70	67	S. W.	S.		9	12		F.	O.			0.00
Thursday, 30,	29.931	73	80	66	84	84	84	S.	S. W.		14	12		O.	O.			T.
Friday, July 1,	30.091	63	66	60	72	84	78	W.	S.		7	6		R.	O.			0.13
Saturday, 2,	30.172	66	76	57	67	73	70	W.	S. W.		7	12		C.	O.			0.00
Week, - -	29.973	66	74	60	78	78	78				9	12						0.097

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 9 smaller towns of Massachusetts, as reported to the State Board of Health for the month of June.

The total death-rate of reporting towns for the month was 11.93.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from					
				Infectious Diseases.	Consumption.	Diphtheria and Croup.	Acute Lung Diseases.		
Amesbury,	9,798	4	2	..	1	..	..		
Middleborough,	6,065	12	0	1	..	1	..		
Hudson,	4,670	2	0	..	..	..	..		
Easton,	4,439	1	0	..	..	..	..		
Easthampton,	4,395	8	0	..	..	..	..		
Merrimac,	2,633	6	1	..	1	..	1		
Groton,	2,037	1	0	..	..	..	..		
Burlington,	617	1	0	..	..	..	..		
Truro,	545	0	0	..	..	..	..		
Total of reporting towns,	35,199	35	3	1	2	1	1		

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 9, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 27.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
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Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 9, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	153	47	19	33	8	3	4
Worcester,	92,313	25	16	6	2	4	..	2
Lowell,	82,455	32	21	14	1	12	..	1
Fall River,	82,128	52	34	20	1	18	..	..
Cambridge,	74,644	18	6	5	5	3	..	1
Lynn,	60,809	15	3	2	2	..	..	..
Springfield,	47,052	28	17	12	1	11	..	1
Lawrence,	45,910	27	114	8	1	8	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	17	8	5	..	4	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	11	1	..	3	..	..	..
Haverhill,	30,065	10	3	2	2	1	..	..
Chelsea,	29,479	10	7	2	5	..	1	..
Fitchburg,	27,444	..	..	..	..	..	..	..
Gloucester,	26,805	8	2	..	2	..	..	..
Malden,	26,783	6	1	..	..	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Brockton,	26,464	7	0	2	2	..	..	2
Taunton,	26,464	5	1	..	1	..	..	..
Waltham,	20,942	1	0	1	..	1	..	..
Pittsfield,	18,294	3	0	..	..	..	..	..
Quincy,	17,930	6	1	2	..	..	1	1
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	4	0	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	4	0	1	1	..	1	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	7	1	1	1	1	..	..
Amesbury,	13,561	5	1	..	..	..	..	..
Brookline,	13,319	6	1	1	..	..	..	1
Medford,	12,105	2	0	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	..	..	..	..	..	..	..
Clinton,	11,086	3	0	2	..	2	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	3	2	1	..	1	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,359,526	468	187	106	62	66	6	13

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and six deaths were reported from the principal infectious diseases; diarrhœal diseases, 74; diphtheria and croup, 13; typhoid fever, 6; erysipelas, 3; cerebro-spinal meningitis, 3; whooping-cough, 3; scarlet-fever, 3; measles, 1.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 62 deaths from consumption; acute lung diseases, 24; and still-births, 20.

From erysipelas: Boston, 2; Chelsea, 1. From cerebro-spinal meningitis: Lynn, 2; New Bedford, 1. From whooping-cough: Fall River, Cambridge and Haverhill, 1 each. From scarlet-fever: Boston, 2; Fall River, 1. From measles: Lowell, 1.

Deaths from the principal infectious diseases numbered 106, against 44 for the preceding week.

Deaths under five years of age numbered 187, against 130 for the preceding week.

Cases reported in Boston: scarlet-fever, 24; measles, 22; diphtheria and croup, 16; typhoid fever, 7.

Death rates for the week were: Boston, 16.94; Worcester, 14.07; Lowell, 20.18; Fall River, 32.92; Cambridge, 12.54; Lynn, 12.82; Springfield, 30.94; Lawrence, 30.63; Somerville, ——; New Bedford, 19.66; Holyoke, ——; Salem, 18.16; Haverhill, 17.29; Chelsea, 17.63; Fitchburg, ——; Gloucester, 15.51; Malden, 11.64; Newton, ——; Taunton, 9.82; Brockton, 13.75; Waltham, 2.48; Pittsfield, 8.52; Quincy, 17.40; North Adams, ——; Northampton, 13.26; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 25.94.

The total death rate for the week was 17.90, against 15.39 and 16.96 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 9, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	29.753	71	78	64	68	68	68	S.	S. W.		18	12		R.	R.			0.53
Monday, 4,	29.941	68	74	62	53	45	49	N. W.	N. W.		15	3		C.	O.			0.17
Tuesday, 5,	30.311	64	70	59	49	56	52	N. E.	S. E.		5	8		C.	O.			0.00
Wednes'y, 6,	30.453	65	70	60	49	79	64	N. W.	Calm.		6	0		C.	C.			0.00
Thursday, 7,	30.451	65	74	57	60	40	50	N. W.	S.		6	5		C.	C.			0.00
Friday, 8,	30.195	68	75	60	57	83	70	N. W.	S. W.		6	9		F.	C.			T.
Saturday, 9,	30.121	66	74	58	71	87	79	S. W.	S.		6	12		F.	R.			0.01
Week, - -	30.175	67	74	60	58	65	62				9	7						0.087

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 16, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of June.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 28.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 16, 1892.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	224	104	56	35	45	2	5
Worcester,	92,313	34	20	15	4	12	..	1
Lowell,	82,455	69	40	26	5	22	2	1
Fall River,	82,128	50	38	25	1	22	..	2
Cambridge,	74,644	34	22	11	3	11	..	..
Lynn,	60,809	17	5	2	4	1	..	..
Springfield,	47,052	23	15	14	2	11	2	1
Lawrence,	45,910	32	18	14	3	12	1	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	18	9	5	2	5	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	10	..	1	1	1	..	..
Haverhill,	30,065	18	2	4	6	2	1	..
Chelsea,	29,479	10	5	..	1	..	..	..
Fitchburg,	27,444	13	8	4	1	3	..	..
Gloucester,	26,805	6	3	..	..	..	..	..
Malden,	26,783	4	1	..	1	..	..	..
Newton,	26,498	4	1	..	2	..	..	..
Brockton,	26,464	4	3	1	..	1	..	..
Taunton,	26,464	9	3	1	1	..	..	1
Waltham,	20,942	7	0	1	2	1	..	..
Pittsfield,	18,294	5	2	..	..	..	..	..
Quincy,	17,930	5	1	..	1	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	9	2	..	1	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	4	2	1	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	11	3	1	1	..	..	1
Amesbury,	13,561	4	3	2	..	2	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	4	0	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	5	1	..	1	..	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	0	0	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,359,526	633	311	184	78	151	8	12

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and eighty-four deaths were reported from the principal infectious diseases; diarrhœal diseases, 151; diphtheria and croup, 12; typhoid fever, 8; whooping-cough, 4; erysipelas, 3; cerebro-spinal meningitis, 3; scarlet-fever, 2; measles, 1.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 78 deaths from consumption; acute lung diseases, 28; and still-births, 31.

From whooping-cough: Boston, Worcester, Fall River and Fitchburg, 1 each. From erysipelas: Boston, 2; Haverhill, 1. From cerebro-spinal meningitis: Worcester, Lynn and Everett, 1 each. From scarlet-fever: Boston and Lawrence, 1 each. From measles: Lowell, 1.

Deaths from the principal infections diseases numbered 184, against 106 for the preceding week.

Deaths under five years of age numbered 311, against 187 for the preceding week.

Cases reported in Boston: scarlet-fever, 28; diphtheria, 18; typhoid fever, 15; measles, 13.

Death rates for the week were: Boston, 24.80; Worcester, 19.14; Lowell, 43.51; Fall River, 31.65; Cambridge, 23.68; Lynn, 15.04; Springfield, 25.41; Lawrence, 36.28; Somerville, ——; New Bedford, 20.82; Holyoke, ——; Salem, 16.51; Haverhill, 31.12; Chelsea, 17.63; Fitchburg, 24.62; Gloucester, 11.64; Malden, 9.76; Newton, 7.85; Brockton, 7.86; Taunton, 17.68; Waltham, 17.38; Pittsfield, 14.21; Quincy, 14.50; North Adams, ——; Northampton, 29.83; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 40.76.

The total death rate for the week was 23.50, against 17.90 and 15.39 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 16, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	30.072	74	86	62	77	61	69	W.	S. W.	10	9	C.	C.		0.00
Monday, 11,	30.032	80	90	69	62	54	58	W.	S. W.	6	6	C.	F.		0.00
Tuesday, 12,	29.923	72	86	69	69	61	65	W.	S. W.	6	12	C.	F.		0.00
Wednes'y, 13,	29.881	80	91	70	70	76	73	W.	S. W.	4	10	C.	O.		0.00
Thursday, 14,	29.881	79	87	72	74	66	70	N. W.	S. E.	8	8	C.	F.		0.00
Friday, 15,	29.807	79	87	71	66	76	71	N. E.	S.	2	13	C.	C.		0.10
Saturday, 16,	29.847	72	79	66	82	51	66	S. W.	N. W.	12	6	C.	C.		0.15
Week, - -	29.920	77	86	68	71	64	67			7	9				0.035

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of June: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	211	43	254	Maple Syrup, . .	..	..	..
Butter, . . .	16	1	17	Canned Goods, .	2	0	2
Cheese, . . .	5	0	5	Honey, . . .	1	0	1
Lard, . . .	3	0	3	Tea, . . .	3	0	3
Olive Oil, . . .	1	1	2	Coffee, . . .	2	2	4
Vinegar, . . .	7	10	17	Cocoa, . . .	..	..	..
Spices, . . .	52	2	54	Confectionery, .	..	..	..
Cream of Tartar, .	19	1	20	Other articles of Food and Drinks,	2	1	3
Molasses, . . .	9	0	9	Drugs, . . .	48	7	55
Syrups, . . .	0	7	7				
Maple Sugar, . .	..	..	..	Totals, . .	381	75	456

Percentage of adulteration, 16.4. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 15.7 per cent., the standard for the months of May and June being only 12 per cent. of solids.

Three complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Two of these were for violation of the laws relating to the sale of Milk, one of Butter. Fines were imposed amounting to $75.

The samples of drugs found to be adulterated were Aqua Ammonia, Iodoform, Syrup, Tincture of Opium and Solution of Citrate of Magnesia.

The cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Lynn, Somerville, Chelsea, Taunton, Brockton, Salem, Malden, Waltham, Woburn, New Bedford, Northampton, Brookline, Hyde Park, Sharon, Stoneham and Winchester.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 23, 1892,

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 29

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 23, 1892.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	281	155	106	32	100	1	4
Worcester,	92,313	55	38	26	2	24	..	1
Lowell,	82,455	45	26	18	4	17	..	1
Fall River,	82,128	56	36	33	..	29	..	1
Cambridge,	74,644	37	22	22	2	19	..	1
Lynn,	60,809	15	7	8	2	7	1	..
Springfield,	47,052	18	9	8	1	7	..	..
Lawrence,	45,910	26	17	12	1	10	1	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	24	20	14	1	14	..	..
Holyoke,	40,009	..	..	..	..	..	..	..
Salem,	31,495	6	2	2	..	1	1	..
Haverhill,	30,065	7	2	..	1	..	..	..
Chelsea,	29,479	14	7	2	1	2	..	..
Fitchburg,	27,444	11	8	6	1	6	..	..
Gloucester,	26,805	5	3	1	1	1	..	..
Malden,	26,783	3	1	..	2	..	..	..
Newton,	26,498	12	4	4	1	4	..	..
Brockton,	26,464	1	1	..	..	..	..	..
Taunton,	26,464	8	3	1	2	..	..	..
Waltham,	20,942	4	0	..	..	..	..	..
Pittsfield,	18,294	2	0	..	..	..	..	..
Quincy,	17,930	11	6	4	2	3	..	1
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	2	0	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	6	4	4	..	2	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	4	2	1	..	1	..	..
Amesbury,	13,561	3	2	2	..	2	..	..
Brookline,	13,319	3	3	1	..	..	..	1
Medford,	12,105	8	6	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	2	1	1	..	1	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	2	0	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,413,509	671	385	276	56	250	4	10

DEATHS FROM PREVALENT DISEASES IN THE 29 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Two hundred and seventy-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 250; diphtheria and croup, 10; typhoid fever, 4; puerperal fever, 3; cerebro-spinal meningitis, 3; whooping-cough, 2; scarlet-fever, 2; malarial fever, 1; measles, 1.

No deaths were reported from small-pox.

There were 56 deaths from consumption; acute lung diseases, 18; and still-births, 42.

From puerperal fever: Cambridge, Lawrence and Taunton, 1 each. From cerebro-spinal meningitis: Boston, 1; Everett, 2. From whooping-cough: Worcester and Fall River, 1 each. From scarlet-fever: Fall River and Cambridge, 1 each. From malarial fever, Fall River, 1. From measles: Springfield, 1.

Deaths from the principal infections diseases numbered 276, against 184 for the preceding week.

Deaths under five years of age numbered 385, against 311 for the preceding week.

Cases reported in Boston: scarlet-fever, 44; measles, 30; typhoid fever, 21, and diphtheria, 13.

Death rates for the week were: Boston, 31.11; Worcester, 30.96; Lowell, 28.37; Fall River, 35.44; Cambridge, 25.77; Lynn, 13.27; Springfield, 19.89; Lawrence, 29.38; Somerville, ——; New Bedford, 27.76; Holyoke, ——; Salem, 9.90; Haverhill, 12.10; Chelsea, 24.68; Fitchburg, 20.83; Gloucester, 9.69; Malden, 5.82; Newton, 23.55; Brockton, 1.96; Taunton, 15.70; Waltham, 9.93; Pittsfield, 5.63; Quincy, 31.90; North Adams, ——; Northampton, 6.63; Marlborough, ——; Everett, ——; Chicopee, ——; Woburn, ——; Newburyport, 14.82.

The total death rate for the week was 24.68, against 23.50 and 17.90 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 23, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	30.096	65	76	54	55	50	52	W.	S. W.		12	10		C.	C.			0.00
Monday, 18,	30.086	70	81	60	49	47	48	W.	S. W.		12	10		C.	C.			0.00
Tuesday, 19,	30.040	73	83	63	60	63	62	S. W.	S. W.		11	15		O.	O.			0.00
Wednes'y, 20,	29.946	76	83	69	72	40	56	W.	N.		10	10		C.	C.			0.00
Thursday, 21,	30.097	66	75	58	49	57	53	N. W.	S.		8	15		C.	C.			0.00
Friday, 22,	29.978	76	88	63	55	61	58	W.	S. W.		14	18		C.	O.			0.00
Saturday, 23,	29.905	78	86	69	65	57	61	W.	S. E.		11	4		C.	C.			0.00
Week, - -	30.021	72	82	62	58	54	56	W.	S. W.		11	12						0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 30, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 30.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
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Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 30, 1892.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

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				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
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Lowell,	82,455	67	46	34	..	33	1	..
Fall River,	82,128	90	66	51	2	49	..	1
Cambridge,	74,644	47	35	25	1	22	..	1
Lynn,	60,809	24	13	13	1	12	1	..
Springfield,	47,052	33	19	4	1	..	2	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	47	30	24	3	23	1	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	15	6	5	..	5	..	..
Haverhill,	30,065	14	11	9	1	9	..	..
Chelsea,	29,479	20	12	11	3	10	..	..
Fitchburg,	27,444	5	5	4	..	4	..	..
Gloucester,	26,805	11	5	1	1	1	..	..
Malden,	26,783	12	5	1	1	..	1	..
Newton,	26,498	19	11	6	2	6	..	..
Brockton,	26,464	14	..	6	3	6	..	..
Taunton,	26,464	24	13	7	3	6	..	..
Waltham,	20,942	5	3	3	1	3	..	..
Pittsfield,	18,294	4	2	..	..	..	..	..
Quincy,	17,930	6	5	4	..	4	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	6	3	1	..	1	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	12	10	8	1	7	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	7	2	4	..	2	..	1
Amesbury,	13,561	4	1	2	1	1	1	..
Brookline,	13,319	1	0	..	..	..	..	..
Medford,	12,105	16	10	..	1	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	4	2	1	..	1	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	2	0	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,367,589	919	530	387	51	355	9	9

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Three hundred and eighty-seven deaths were reported from the principal infectious diseases: diarrhœal diseases, 355; diphtheria and croup, 9; typhoid fever, 9; scarlet-fever, 8; whooping-cough, 2; measles, 1; cerebro-spinal meningitis, 1; erysipelas, 1; puerperal fever, 1

No deaths were reported from small-pox and malarial fever.

There were 51 deaths from consumption; acute lung diseases, 22; still-births, 27.

From scarlet-fever: Boston, 4; Fall River, Springfield, Taunton and Newburyport, 1 each. From whooping-cough: Cambridge and Springfield, 1 each. From measles: Boston, 1. From cerebro-spinal meningitis: Everett, 1. From erysipelas: Cambridge, 1. From puerperal fever: Chelsea, 1.

Deaths from the principal infectious diseases numbered 387, against 276 for the preceding week.

Deaths under five years of age numbered 530, against 385 for the preceding week.

Cases reported in Boston: diphtheria, 20; scarlet-fever, 17; typhoid fever, 15; and measles, 10.

Death rates for the week were: Boston, 38.97; Worcester, 32.65; Lowell, 42.25; Fall River, 56.97; Cambridge, 32.74; Lynn, 21.24; Springfield, 36.79; Lawrence, ——; Somerville, ——; New Bedford, 54.37; Holyoke, ——; Salem, 24.76; Haverhill, 24.20; Chelsea, 35.20; Fitchburg, 9.47; Gloucester, 21.32; Malden, 23.29; Newton, 37.29; Brockton, 27.11; Taunton, 47.16; Waltham, 12.41; Pittsfield, 11.36; Quincy, 17.40; North Adams, ——; Northampton, 19.89; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 25.92.

The total death rate for the week was 34.94, against 24.68 and 23.50 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 30, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	29.961	80	90	69	55	65	60	O.	S. W.		0	15		C.	O.			0.00
Monday, 25,	29.934	84	94	73	75	63	69	S. W.	S. W.		9	7		O.	C.			0.32
Tuesday, 26,	29.881	85	96	74	72	51	62	S. W.	W.		15	9		F.	C.			0.00
Wednes'y, 27,	29.877	73	93	72	52	42	47	N.W.	N.W.		10	5		F.	C.			0.00
Thursday, 28,	29.890	76	83	68	45	71	58	N.W.	N.E.		2	5		O.	O.			T.
Friday, 29,	29.939	72	78	66	81	78	79	N.W.	S.E.		5	9		O.	O.			0.01
Saturday, 30,	30.044	73	79	68	78	71	74	N.W.	E.		13	4		F.	C.			0.15
Week, - -	29.932	79	87	70	65	63	64				8	8						0.068

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Preserve

Aug. 92

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 6, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 31.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
GEO. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 6, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	259	128	74	28	69	..	3
Worcester,	92,313	31	17	13	1	12	..	..
Lowell,	82,455	45	25	19	2	17	1	..
Fall River,	82,128	62	42	32	2	28	1	..
Cambridge,	74,644	40	23	16	3	13	..	3
Lynn,	60,809	33	24	15	1	15	..	..
Springfield,	47,052	26	14	11	1	8	2	..
Lawrence,	45,910	19	13	9	2	9	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	37	23	20	2	20	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	34	26	21	1	21	..	..
Haverhill,	30,065	11	5	5	2	5	..	..
Chelsea,	29,479	13	7	2	2	2	..	..
Fitchburg,	27,444	11	9	8	..	7	..	..
Gloucester,	26,805	8	2	3	..	3	..	..
Malden,	26,783	11	4	4	1	4	..	..
Newton,	26,498	5	2	..	..	..	..	..
Brockton,	26,464	..	..	..	..	..	..	..
Taunton,	26,464	17	13	10	1	10	..	..
Waltham,	20,942	5	1	1	..	1	..	..
Pittsfield,	18,294	3	2	2	3	2	..	..
Quincy,	17,930	1	0	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	15	8	11	..	11	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	4	3	3	..	3	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	12	6	6	4	6	..	..
Amesbury,	13,561	5	3	3	..	3	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	3	3	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	4	0	..	..	..	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	6	2	3	..	2	1	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,373,726	720	405	291	56	271	5	6

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and ninety-one deaths were reported from the principal infectious diseases: diarrhœal diseases, 271; diphtheria and croup, 6; scarlet-fever, 5; typhoid fever, 5; cerebro-spinal meningitis, 2; measles, 1; whooping-cough, 1.

No deaths were reported from small-pox, malarial fever, puerperal fever and erysipelas.

There were 55 deaths from consumption; acute lung diseases, 28; and still-births, 34.

From scarlet-fever: Boston and Fall River, 2 each; Springfield, 1. From cerebro-spinal meningitis: Worcester and Fall River, 1 each. From measles: Lowell, 1. From whooping-cough: Fitchburg, 1.

Deaths from the principal infectious diseases numbered 291, against 387 for the preceding week.

Deaths under five years of age numbered 405, against 530 for the preceding week.

Cases reported in Boston: scarlet-fever, 23; measles, 16; diphtheria, 15; and typhoid fever, 14.

The death rates for the week were: Boston, 28.67; Worcester, 18.45; Lowell, 28.37; Fall River, 39.24; Cambridge, 27.56; Lynn, 29.20; Springfield, 28.73; Lawrence, 21.54; Somerville, ——; New Bedford, 42.80; Holyoke, ——; Salem, 56.13; Haverhill, 19.01; Chelsea, 22.91; Fitchburg, 20.83; Gloucester, 15.51; Malden, 21.35; Newton, 9.81; Brockton, ——; Taunton, 33.40; Waltham, 12.41; Pittsfield, 8.52; Quincy, 2.90; North Adams, ——; Northampton, 49.72; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 44.47.

The total death rate for the week was 27.25, against 34.94 and 24.68 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Aug. 6, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, July 31,	30.089	65	70	60	69	92	80	N.E.	N.E.	9	12	O.	R.		0.95
Monday, August 1,	30.060	64	66	61	97	89	93	N.	N.E.	14	11	R.	O.		0.06
Tuesday, 2,	30.040	62	65	60	89	95	92	N.	E.	7	6	O.	O.		0.00
Wednes'y, 3,	29.985	66	71	62	92	88	90	N.W.	E.	4	5	O.	C.		0.38
Thursday, 4,	29.920	76	87	65	68	67	68	N.W.	S.W.	5	12	C.	F.		0.00
Friday, 5,	29.870	73	79	67	95	90	92	W.	E.	5	5	O.	O.		0.00
Saturday, 6,	29.864	74	83	65	65	53	59	S.W.	N.W.	8	6	O.	C.		T.
Week, - -	29.985	68	73	63	82	82	82			7	8				

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 10 smaller towns of Massachusetts, as reported to the State Board of Health for the month of July.

The total death-rate of reporting towns for the month was 18.94.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.
Middleborough,	6,135	15	4	2	1	..	2	..
Hudson,	4,902	5	0	..	..	..	..	..
Easton,	4,627	8	1	..	..	2	..	..
Concord,	4,541	7	4	1	..	..	1	..
Easthampton,	4,435	9	7	4	..	..	4	..
Swampscott,	3,334	2	0	1	..	..	..	1
Merrimac,	2,725	2	0	..	..	..	..	..
Groton,	2,077	3	0	..	..	..	..	..
Truro,	919	2	0	..	..	..	..	..
Wendell,	513	1	0	..	..	..	..	..
Total of reporting towns,	34,208	54	16	8	1	2	7	1

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 13, 1892.

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of July.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 32.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 13, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	257	125	82	29	69	3	5
Worcester,	92,313	42	22	20	2	18	1	..
Lowell,	82.455	50	31	21	4	19	1	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	32	19	8	..	7	..	..
Lynn,	60,809	41	24	14	2	12	..	1
Springfield,	47,052	28	13	16	5	10	4	..
Lawrence,	45,910	22	14	10	..	8	1	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	25	10	4	2	4	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	21	12	9	1	9	..	..
Haverhill,	30,065	9	5	2	2	2	..	..
Chelsea,	29,479	16	9	7	1	7	..	..
Fitchburg,	27,444	12	7	4	1	4	..	..
Gloucester,	26,805	10	6	5	..	4	..	..
Malden,	26,783	20	11	5	1	5	..	..
Newton,	26,498	15	7	4	4	4	..	..
Brockton,	26,464	16	12	7	1	7	..	..
Taunton,	26,464	19	13	10	..	10	..	..
Waltham,	20,942	8	4	4	1	3	..	..
Pittsfield,	18,294	7	2	1	..	1	..	..
Quincy,	17,930	1	0	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	10	4	3	4	2	..	1
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	5	3	2	1	1	..	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	11	6	5	1	4	..	1
Amesbury,	13,561	3	0	..	1	..	..	..
Brookline,	13,319	6	3	3	1	3	..	..
Medford,	12,105	9	5	..	1	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	..	..	..	..	..	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	2	0	..	1	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,320,285	697	367	246	66	213	10	8

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and forty-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 213; typhoid fever, 10; diphtheria and croup, 8; scarlet-fever, 6; cerebro-spinal meningitis, 3; whooping-cough, 2; malarial fever, 2; erysipelas, 1; measles, 1.

No deaths were reported from small-pox and puerperal fever.

There were 66 deaths from consumption; acute lung diseases, 26; and still-births, 29.

From scarlet-fever: Boston, 3; Worcester, Lowell and Waltham, 1 each. From cerebro-spinal meningitis: Lynn, Gloucester and Everett, 1 each. From whooping-cough: Cambridge and Lawrence, 1 each. From malarial fever, Springfield, 2. From measles: Boston, 1. From erysipelas: Boston, 1.

Deaths from the principal infectious diseases numbered 246, against 291 for the preceding week.

Deaths under five years of age numbered 367, against 405 for the preceding week.

Cases reported in Boston: scarlet-fever, 22; diphtheria, 17; typhoid fever, 14; measles, 14; and small-pox, 1.

The death rates for the week were: Boston, 28.45; Worcester, 23.74; Lowell, 31.53; Fall River, ——; Cambridge, 22.29; Lynn, 36.28; Springfield, 30.94; Lawrence, 24.94; Somerville, ——; New Bedford, 28.92; Holyoke, ——; Salem, 34.67; Haverhill, 15.56; Chelsea, 28.20; Fitchburg, 22.72; Gloucester, 19.39; Malden, 38.82; Newton, 29.44; Brockton, 19.89; Taunton, 37.53; Waltham, 19.56; Pittsfield, 19.89; Quincy, 2.90; North Adams, ——; Northampton, 33.15; Marlborough, ——; Chicopee, ——; Woburn, ——; Everett, 13.38; Newburyport, 40.76.

The total death rate for the week was 27.45, against 27.25 and 34.94 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 13, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	30.100	71	80	62	65	57	61	N.W.	S.W.		10	12		C.	C.			0.00
Monday, 8,	30.035	74	85	63	74	70	72	S.W.	S.W.		13	15		C.	O.			0.00
Tuesday, 9,	29.860	80	87	71	81	76	78	S.W.	S.W.		15	20		F.	R.			T.
Wednes'y, 10,	29.980	85	94	76	63	68	66	S.W.	S.W.		9	12		F.	O.			T.
Thursday, 11,	29.920	84	94	75	79	83	81	S.	S.W.		10	12		F.	O.			0.00
Friday, 12,	29.805	72	77	66	88	85	86	S.	N.E.		10	10		O.	O.			2.29
Saturday, 13,	29.890	65	69	62	87	90	88	N.	E.		5	5		O.	C.			T.
Week, - -	29.984	76	83	68	77	76	76				10	12						.327

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of July: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,* . . .	89	174	265	Maple Syrup, . .	2	0	2
Butter, . . .	39	0	39	Canned Goods, .	2	0	2
Cheese, . . .	7	0	7	Honey, . . .	1	2	3
Lard, . . .	..	..	..	Tea, . . .	6	4	10
Olive Oil, . . .	8	5	13	Coffee, . . .	7	3	10
Vinegar, . . .	8	3	11	Cocoa, . . .	..	..	..
Spices, . . .	83	9	92	Confectionery, .	5	0	5
Cream of Tartar, .	33	0	33	Other articles of Food and Drinks,	6	2	8
Molasses, . . .	8	1	9	Drugs, . . .	58	29	87
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..				
				Totals, . .	362	232	596

* Two samples of milk too sour for analysis.

Percentage of adulteration, 39.26. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 65.6.

Fifteen complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Thirteen of these were for violation of the laws relating to the sale of Milk, Face Bleach, two. In nine cases the parties were convicted, in five held for Grand Jury, and one was not guilty. Fines were imposed amounting to $261.

The samples of drugs found to be adulterated were Tannic Acid, Chloroform, Face Washes, Citrate of Iron and Quinine, Glycerine, Whiskey, Spirits of Juniper, Tincture of Iodine, White Wine, Tincture of Nux Vomica, Red Wine and Miscellaneous, five.

The cities and towns from which samples of food were collected were Boston, Worcester, Fall River, Cambridge, Lynn, Lawrence, Somerville, New Bedford, Salem, Haverhill, Chelsea, Newton, Fitchburg, Waltham, Nahant, Revere, Nantucket, Cottage City, Stoughton, Winthrop, Hull, Nantasket Beach, Weymouth, Great Barrington, Provincetown and Marblehead.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 20, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 33.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman*.
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary*.
F. P. STEARNS, C.E., *Engineer*.

MORTALITY OF MASSACHUSETTS

For the Week ending August 20, 1892.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	233	116	77	21	58	4	11
Worcester,	92,313	40	20	23	3	21	1	..
Lowell,	82,455	56	31	17	6	16	..	..
Fall River,	82,128	46	19	16	3	14	2	..
Cambridge,	74,644	28	14	7	2	7	..	..
Lynn,	60,809	24	14	12	..	10	..	2
Springfield,	47,052	22	6	6	2	4	2	..
Lawrence,	45,910	31	17	10	8	8	..	1
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	23	13	5	3	5	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	15	8	4	..	4	..	..
Haverhill,	30,065	8	3	3	2	3	..	..
Chelsea,	29,479	16	6	1	1	1	..	..
Fitchburg,	27,444	14	12	11	..	11	..	..
Gloucester,	26,805	7	2	2	..	2	..	..
Malden,	26,783	8	3	2	..	2	..	..
Newton,	26,498	8	3	1	2	1	..	..
Brockton,	26,464	7	3	3	1	3	..	..
Taunton,	26,464	11	7	3	2	3	..	..
Waltham,	20,942	5	1	1	..	1	..	..
Pittsfield,	18,294	5	5	..	2	..	..	..
Quincy,	17,930	2	1	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	9	4	3	..	2	1	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,145	7	3	3	1	2	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	2	2	1	..	1	..	..
Amesbury,	13,561	7	0	2	1	2	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	7	4	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,426	5	2	..	1	..	..	..
Clinton,	11,086	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	6	3	4	..	4	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,400,190	652	322	217	61	185	10	14

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and seventeen deaths were reported from the principal infectious diseases: diarrhœal diseases, 185; diphtheria and croup, 14; typhoid fever, 10; scarlet-fever, 5; cerebro-spinal meningitis, 2; whooping-cough, 1.

No deaths were reported from small-pox, measles, erysipelas, malarial fever and puerperal fever.

There were 61 deaths from consumption; acute lung diseases, 13; and still-births, 25.

From scarlet-fever: Boston, 4; Lawrence, 1. From cerebro-spinal meningitis: Worcester and Everett, 1 each. From whooping-cough: Lowell, 1.

Deaths from the principal infectious diseases numbered 217, against 246 for the preceding week.

Deaths under five years of age numbered 322, against 367 for the preceding week.

Cases reported in Boston: measles, 18; typhoid fever, 17; diphtheria, 14; and scarlet-fever, 14.

The death rates for the week were: Boston, 25.79; Worcester, 22.52; Lowell, 35.31; Fall River, 29.11; Cambridge, 21.10; Lynn, 21.24; Springfield, 24.31; Lawrence, 35.15; Somerville, ——; New Bedford, 26.61; Holyoke, ——; Salem, 24.76; Haverhill, 13.83; Chelsea, 28.20; Fitchburg, 26.51; Gloucester, 13.57; Malden, 15.52; Newton, 15.70; Brockton, 13.75; Taunton, 21.61; Waltham, 12.41; Pittsfield, 14.21; Quincy, 5.80; Northampton, 29.83; Everett, 25.73; Newburyport, 7.41.

The total death rate for the week was 24.21, against 27.45 and 27.25 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Aug. 20, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	29.945	70	76	64	77	65	71	S.	W.	6	8	F.	C.		0.00
Monday, 15,	30.010	71	81	63	64	65	66	N.W.	N.	8	4	C.	C.		0.00
Tuesday, 16,	30.110	72	83	62	62	57	60	N.W.	W.	12	5	C.	C.		0.00
Wednes'y, 17,	30.105	76	87	66	73	61	64	W.	S.W.	7	9	F.	C.		0.00
Thursday, 18,	30.125	78	88	67	75	80	78	W.	S.W.	9	12	F.	C.		0.00
Friday, 19,	30.090	78	84	70	82	70	76	S.W.	S.	7	10	O.	C.		0.00
Saturday, 20,	29.984	78	71	66	66	90	78	N.E.	N.	8	9	O.	O.		0.00
Week, - -	30.038	75	81	65	71	70	70			8	8				0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 27, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 34

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 27, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The uumber of deaths *reported* each week does not exactly correspoud with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitauts. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reportiug towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be seut to auy town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Whooping-Cough.
Boston,	469,645	194	97	46	20	34	5	2
Worcester,	92,313	33	16	14	2	11	1	..
Lowell,	82,455	41	22	11	5	9	1	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	19	13	9	1	8	..	1
Lynn,	60,809	19	8	8	2	5	..	1
Springfield,	47,052	27	10	9	2	3	4	1
Lawrence,	45,910	25	13	9	2	8	1	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	14	9	..	1	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Salem,	31,495	12	5	11	..	11	..	..
Haverhill,	30,065	6	2	1	2	1	..	..
Chelsea,	29,479	..	..	..	..	..	..	..
Fitchburg,	27,444	8	2	2	..	2	..	..
Gloucester,	26,805	5	3	..	..	..	..	..
Malden,	26,783	3	3	2	..	2	..	..
Newton,	26,498	8	3	..	..	..	..	..
Brockton,	26,464	4	1	..	1	..	..	..
Taunton,	26,464	16	6	4	3	4	..	..
Waltham,	20,942	7	2	1	2	1	..	..
Pittsfield,	18,294	3	0	..	..	..	..	..
Quincy,	17,930	6	3	3	1	3	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	6	4	4	1	4	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	4	4	2	1	2	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	4	2	2	..	2	..	..
Amesbury,	13,561	3	2	2	1	2	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	7	4	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	3	3	1	..	1	..	..
Clinton,	11,045	8	7	7	..	7	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	4	3	1	..	1	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Whooping-Cough.
Total of reporting towns,	1,299,628	489	247	149	47	121	12	5

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty-nine deaths were reported from the principal infectious diseases: diarrhœal diseases, 121; typhoid fever, 12; whooping-cough, 5; cerebro-spinal meningitis, 4; diphtheria and croup, 3; puerperal fever, 2; scarlet-fever, 2.

There were 47 deaths from consumption; acute lung diseases, 14; and still-births, 24.

From cerebro-spinal meningitis: Worcester and Lynn, 2 each. From diphtheria and croup: Boston, Lowell and Springfield, one each. From puerperal fever: Boston, 2. From scarlet-fever: Boston, 2.

Deaths from the principal infectious diseases numbered 149, against 217 for the preceding week.

Deaths under five years of age numbered 247, against 322 for the preceding week.

Cases reported in Boston: typhoid fever, 30; diphtheria, 18; scarlet-fever, 17; and measles, 11.

The death rates for the week were: Boston, 21.47; Worcester, 18.57; Lowell, 25.85; Fall River, ——; Cambridge, 13.23; Lynn, 16.81; Springfield, 29.83; Lawrence, 28.35; Somerville, ——; New Bedford, 16.19; Holyoke, ——; Salem, 19.81; Haverhill, 10.37; Chelsea, ——; Fitchburg, 15.15; Gloucester, 9.69; Malden, 5.82; Newton, 15.70; Brockton, 7.86; Taunton, 31.44; Waltham, 17.38; Pittsfield, 8.52; Quincy, 17.40; Northampton, 19.89; Everett, 14.60; Newburyport, 14.82; North Adams, ——; Marlboro, ——; Chicopee, ——; Woburn, ——.

The total death rate for the week was 19.56, against 24.21 and 27.45 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 27, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	29.910	71	78	65	83	57	70	N.W.	N.W.		9	10		F.	C.			0.00
Monday, 22,	30.080	72	82	62	55	50	52	N.W.	N.		12	10		C.	C.			0.00
Tuesday, 23,	30.250	65	70	60	65	80	72	N.E.	E.		10	9		C.	C.			0.00
Wednes'y, 24,	30.200	67	75	59	87	65	76	W.	S.		5	12		O.	C.			0.00
Thursday, 25,	29.910	68	73	64	78	95	86	S.E.	S.E.		10	7		O.	O.			0.02
Friday, 26,	29.990	60	62	59	92	97	94	N.E.	N.E.		20	34		R.	R.			0.71
Saturday, 27,	30.040	56	57	55	88	97	92	N.E.	N.E.		24	15		O.	R.			1.10
Week, - -	30.050	66	71	61	78	77	77				13	14						0.261

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 3, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 35

STATE BOARD OF HEALTH.

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Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
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Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 3, 1892.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	200	96	49	27	37	1	5
Worcester,	92,313	33	13	9	2	6	1	1
Lowell,	82,455	39	16	11	5	10	1	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	24	13	8	2	7	..	..
Lynn,	60,809	23	11	6	6	4	1	..
Springfield,	47,052	15	5	3	2	2	1	..
Lawrence,	45,910	20	13	8	..	7	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	24	11	3	1	..	..	2
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	4	0	..	..	..	..	..
Salem,	31,495	18	9	6	..	6	..	..
Haverhill,	30,065	15	6	4	2	3	1	..
Chelsea,	29,479	12	6	1	1	1	..	..
Malden,	27,252	13	4	5	..	5	..	..
Newton,	26,498	11	6	1	1	1	..	..
Taunton,	26,464	12	4	6	3	5	..	..
Gloucester,	26,008	8	2	1	..	1	..	..
Fitchburg,	25,444	7	3	1	..	1	..	..
Waltham,	20,942	6	2	1	1	1	..	..
Quincy,	18,669	4	1	..	..	..	..	..
Pittsfield,	18,294	2	0	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	3	0	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	6	1	1	2	1	..	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	3	2	1	..	1	..	..
Amesbury,	13,561	1	0	..	..	1	..	..
Brookline,	13,319	6	2	1	1	1	..	..
Medford,	12,105	3	2	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	2	1	1	..	1	..	..
Clinton,	11,045	10	3	4	..	4	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	2	1	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,347,156	526	233	131	56	106	6	8

DEATHS FROM PREVALENT DISEASES IN THE 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirty-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 106; diphtheria and croup, 8; typhoid fever, 6; cerebro-spinal meningitis, 4; whooping-cough, 4; scarlet-fever, 3; puerperal fever, 1.

No deaths were reported fron small-pox, malarial fever and erysipelas.

There were 56 deaths from consumption; acute lung diseases, 16; and still-births, 38.

From cerebro-spinal meningitis: Boston, Lynn, Lawrence and New Bedford, 1 each. From whooping-cough: Boston, 2; Worcester and Cambridge, one each. From scarlet-fever: Boston, 3. From puerperal fever: Taunton, 1.

Deaths from the principal infectious diseases numbered 132, against 149 for the preceding week.

Deaths under five years of age numbered 233, against 247 for the preceding week.

Cases reported in Boston: typhoid fever, 29; scarlet-fever, 22; diphtheria, 20; and measles, 5.

The death rates for the week were: Boston, 22.14; Worcester, 18.57; Lowell, 24.59; Fall River, ——; Cambridge, 16.71; Lynn, 20.35; Springfield, 16.57; Lawrence, 22.68; Somerville, ——; New Bedford, 27.76; Holyoke, ——; Brockton, 6.34; Salem, 29.71; Haverhill, 25.93; Chelsea, 21.15; Malden, 24.80; Newton, 21.59; Taunton, 23.58; Gloucester, 15.99; Fitchburg, 14.30; Waltham, 14.79; Quincy, 11.14; Pittsfield, 5.68; North Adams, ——; Northampton, 9.94; Marlborough, ——; Everett, 22.05; Chicopee, ——; Woburn, ——; Newburyport, 11.11.

The total death rate for the week was 21.78 against 19.56 and 24.21 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 3, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 28,	30.070	60	65	55	86	79		82	N.	S. E.		9	2		O.	O.			T.
Monday, 29,	30.120	64	69	60	78	84		81	N.W.	E.		5	5		O.	C.			0.00
Tuesday, 30,	30.100	61	64	58	81	87		84	N. E.	E.		3	6		O.	F.			0.00
Wednes'y, 31,	29.910	68	75	62	85	90		88	S.	W.		13	10		O.	R.			0.17
Thursday, 1,	30.010	64	71	57	69	66		68	W.	N.		10	18		C.	C.			0.03
Friday, 2,	30.290	56	63	50	65	73		69	N.	N. E.		14	6		C.	C.			0.00
Saturday, 3,	30.330	64	76	51	63	72		68	S. W.	S. W.		2	10		C.	C.			0.00
Week, - -	30.120	62	69	56	75	79		77				8	8						0.28

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 8 smaller towns of Massachusetts, as reported to the State Board of Health for the month of August.

The total death-rate of reporting towns for the month was 15.37.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Acute Lung Diseases.	Diphtheria and Croup.
Middleborough,	6,135	3	1	1	..	1	..	..
Hudson,	4,902	9	6	3	..	3	..	..
Concord,	4,627	8	4	2	..	2	..	..
Easthampton,	4,435	5	2	2	..	2	..	..
Swampscott,	3,334	3	1	1	..	1	..	..
Merrimac,	2,725	6	4	2	1	2	..	..
Norton,	1,811	3	1	..	..	..	1	..
Truro,	919	0	0	..	..	..	..	..
Total of reporting towns,	28,388	37	19	11	1	11	1	

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 10, 1892.

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of August.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 36.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 10, 1892.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	194	80	36	16	26	2	6
Worcester,	92,313	27	16	12	..	12	..	..
Lowell,	82.455	39	25	15	3	14	1	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	17	6	5	4	5	..	..
Lynn,	60,809	18	8	4	4	4	..	..
Springfield,	47,052	25	8	10	2	4	4	..
Lawrence,	45,910	16	10	5	1	4	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	20	9	6	3	4	2	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	9	5	..	..	..	..	..
Salem,	31,495	14	5	6	..	6	..	..
Haverhill,	30,065	11	4	1	..	1	..	..
Chelsea,	29,479	10	3	1	1	1	..	..
Malden,	27,252	9	4	2	..	2	..	..
Newton,	26,498	9	6	3	2	1	..	1
Taunton,	26,464	7	3	2	..	2	..	..
Gloucester,	26,008	5	2	..	1	..	..	..
Fitchburg,	25,444	7	0	1	..	1	..	..
Waltham,	20,942	4	2	2	..	2	..	..
Quincy,	18,669	11	4	3	2	1	2	..
Pittsfield,	18,294	5	0	1	..	..	1	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	2	0	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	1	0	..	..	..	..	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	5	2	1	..	1	..	..
Amesbury,	13,561	4	1	2	1	1	..	1
Brookline,	13,319	4	1	..	..	..	..	..
Medford,	12,105	5	1	..	1	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	4	0	1	..	1	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	4	2	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,336,111	486	207	119	41	93	12	8

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and nineteen deaths were reported from the principal infectious diseases: diarrhœal diseases, 93; typhoid fever, 12; diphtheria and croup, 8; scarlet-fever, 2; cerebro-spinal meningitis, 1; puerperal fever, 2. whooping-cough, 1;

No deaths were reported from small-pox and malarial fever.

There were 41 deaths from consumption; acute lung diseases, 28; and still-births, 18.

From scarlet-fever: Boston and Lawrence, one each. From cerebro-spinal meningitis: Newton, 1. From whooping-cough: Boston, 1. From puerperal fever: Springfield, 2.

Deaths from the principal infectious diseases numbered 119, against 132 for the preceding week.

Deaths under five years of age numbered 207, against 233 for the preceding week.

Cases reported in Boston: typhoid fever, 32; scarlet-fever, 24; diphtheria, 21; and measles, 9.

The death rates for the week were: Boston, 21.47; Worcester, 15.20; Lowell, 24.59; Fall River, ——; Cambridge, 11.84; Lynn, 15.93; Springfield, 27.62; Lawrence, 18.14; Somerville, ——; New Bedford, 23.14; Holyoke, ——; Brockton, 14.27; Salem, 23.11; Haverhill, 19.01; Chelsea, 17.63; Malden, 17.17; Newton, 17.66; Taunton, 13.75; Gloucester, 9.99; Fitchburg, 14.30; Waltham, 9.93; Quincy, 30.63; Pittsfield, 14.21; North Adams, ——; Northampton, 6.63; Marlborough, ——; Everett, 3.67; Chicopee, ——; Woburn, ——; Newburyport, 18.53.

The total death rate for the week was 18.91 against 21.78 and 19.56 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 10, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	30.180	61	66	56	73	87	80	S.	E.	3	8	O.	O.		0.00
Monday, 5,	29.940	68	79	58	92	72	82	N.	S. W.	12	14	R.	C.		0.06
Tuesday, 6,	30.000	66	72	60	77	58	68	W.	W.	11	14	O.	C.		0.02
Wednes'y, 7,	30.250	60	70	50	68	64	66	W.	S. W.	10	8	C.	C.		0.00
Thursday, 8,	30.430	58	63	52	69	84	76	N.	S. E.	12	8	C.	C.		0.00
Friday, 9,	30.390	59	68	50	74	74	74	W.	S. E.	4	7	C.	C.		0.00
Saturday, 10,	30.400	58	65	51	94	81	88	N.W.	E.	2	8	G.	C.		0.00
Week, - -	30.227	61	69	54	76	77	76			8	10				0.011

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of August: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	68	170	238	Maple Syrup, . .	..	..	..
Butter, . . .	9	0	9	Canned Goods, .	1	0	1
Cheese, . . .	1	0	1	Honey, . . .	3	0	3
Lard, . . .	..	..	..	Tea, . . .	14	0	14
Olive Oil, . . .	4	1	5	Coffee, . . .	6	0	6
Vinegar, . . .	3	0	3	Cocoa, . . .	..	..	..
Spices, . . .	87	17	104	Confectionery, .	4	0	4
Cream of Tartar, .	31	0	31	Other articles of Food and Drinks,	4	3	7
Molasses, . . .	4	0	4	Drugs, . . .	9	8	17
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	248	199	447

Percentage of adulteration, 44.50. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The quality of milk obtained during the month was poor, 71.40 per cent. of the samples obtained of dealers being below the legal standard.

Twenty-six complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Seven of these were for violation of the Statutes relating to the sale of Milk, three of Pepper, three of Cinnamon, three of Mustard, three of soule's Eradicator, two of Hill's Freckle Lotion, ana two of Perry's Freckle Lotion. Fines were imposed amounting to $595.

The samples of drugs found to be adulterated were Aqua of Ammonia, Glycerine, Red Wine, Tincture of Iodine and Tincture of Opium.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Cambridge, Springfield, Somerville, New Bedford, Salem, Chelsea, Newton, Marlborough, Brookline, Barre, Cottage City, Dracut, Edgartown, Franklin, Hardwick, Hyde Park, Milford, Millis, Nantucket, Natick, Northborough, Shrewsbury, Stoughton, Westborough and Wrentham.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 17, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 37.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 17, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	208	87	40	30	25	2	8
Worcester,	92,313	31	12	8	..	5	..	3
Lowell,	82,455	49	31	10	2	9	..	..
Fall River,	82,128	38	9	2	7	..	..	1
*Cambridge,	74,644	37	13	7	6	7	..	..
Lynn,	60,809	24	14	9	2	6	..	1
Springfield,	47,052	11	1	3	4	1	2	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	18	7	5	1	4	1	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	6	4	2	..	..	1	..
Salem,	31,495	8	2	2	..	..	1	1
Haverhill,	30,065	11	6	3	..	2	..	..
Chelsea,	29,479	15	5	1	5	1	..	..
Malden,	27,252	9	4	2	..	2	..	..
Newton,	26,498	5	0	..	1	..	..	..
Taunton,	26,464	5	2	1	..	1	..	..
Gloucester,	26,008	8	5	1	..	..	..	..
Fitchburg,	25,444	11	4	..	..	..	..	..
Waltham,	20,942	3	0	..	..	..	..	..
Quincy,	18,669	3	2	2	..	2	..	..
Pittsfield,	18,294	4	4	4	..	3	..	1
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	4	0	..	1	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	6	2	1	..	1	..	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	6	0	1	..	1	..	..
Amesbury,	13,561	..	..	..	..	..	..	..
Brookline,	13,319	3	2	..	..	..	..	..
Medford,	12,105	6	5	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	..	..	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	2	0	1	1	1	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

* Nine deaths due to railroad accident at West Cambridge included in the deaths from all causes.

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,347,682	531	221	105	60	71	7	15

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and five deaths were reported from the principal infectious diseases: diarrhœal diseases, 71; diphtheria and croup, 15; typhoid fever, 7; whooping-cough, 6; cerebro-spinal meningitis, 4; malarial fever, 1; scarlet-fever, 1.

No deaths were reported from small-pox, puerperal fever, erysipelas and measles.

There were 60 deaths from consumption; acute lung diseases, 42; and still-births, 28.

From whooping-cough: Boston, 3; Lowell, Fall River and Haverhill, 1 each. From cerebro-spinal meningitis: Lynn, 2; Brockton and Gloucester, 1 each. From scarlet-fever: Boston, 1. From malarial fever: Boston, 1.

Deaths from the principal infectious diseases numbered 105, against 119 for the preceding week.

Deaths under five years of age numbered 221, against 207 for the preceding week.

Cases reported in Boston: typhoid fever, 32; scarlet-fever, 24; diphtheria, 21; and malarial fever, 9.

The death rates for the week were: Boston, 23.02; Worcester, 17.45; Lowell, 30.89; Fall River, 24.05; Cambridge, 25.77; Lynn, 21.24; Springfield, 12.15; Lawrence, ——; Somerville, ——; New Bedford, 20.82; Holyoke, ——; Brockton, 9.51; Salem, 13.20; Haverhill, 19.00; Chelsea, 26.44; Malden, 17.17; Newton, 9.81; Taunton, 9.82; Gloucester, 15.99; Fitchburg, 22.47; Waltham, 7.44; Quincy, 8.35; Pittsfield, 11.36; North Adams, ——; Northampton, 13.26; Marlborough, ——; Everett, 22.05; Chicopee, ——; Woburn, ——; Newburyport, 22.23.

The total death rate for the week was 20.56 against 18.91 and 21.78 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 17, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	30.40	55	65	46	94	89	92	N.W.	S.E.		3	10		G.	C.			0.00
Monday, 12,	30.28	60	68	52	88	78	83	S.	S.		1	12		G.	C.			0.00
Tuesday, 13,	30.14	63	74	53	88	87	87	S.W.	S.		4	10		F.	C.			0.00
Wednes'y, 14,	29.82	67	72	62	90	95	92	S.	S.		24	13		R.	R.			0.54
Thursday, 15,	29.88	67	74	61	72	65	68	W.	W.		10	11		C.	C.			0.75
Friday, 16,	30.08	65	74	55	71	65	68	S.W.	W.		12	8		C.	C.			0.00
Saturday, 17,	30.30	61	70	52	66	61	64	W.	S.W.		4	7		F.	C.			0.00
Week, - -	30.128	63	71	54	81	77	79				8	10						0.184

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 24, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 38.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending September 24, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

Cities and Towns.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	188	62	30	27	12	6	9
Worcester,	92,313	26	13	10	1	5	4	1
Lowell,	82,455	45	27	12	2	8	3	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	21	14	7	3	5	1	..
Lynn,	60,809	18	7	6	1	4	..	..
Springfield,	47,052	16	5	5	4	3	2	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	12	6	2	..	2	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	10	5	..	..	..	..	..
Salem,	31,495	8	2	2	..	2	..	..
Haverhill,	30,065	9	3	1	..	..	1	..
Chelsea,	29,479	11	2	..	2	..	..	..
Malden,	27,252	14	3	2	2	2	..	..
Newton,	26,498	4	3	..	..	..	..	..
Taunton,	26,464	7	1	2	..	..	1	1
Gloucester,	26,008	6	1	1	..	..	..	..
Fitchburg,	25,444	6	4	..	..	..	..	..
Waltham,	20,942	4	0	..	1	..	..	..
Quincy,	18,669	7	2	2	1	..	1	..
Pittsfield,	18,294	1	0	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	5	1	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	4	1	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	7	3	..	..	..	..	..
Amesbury,	13,561	2	2	1	..	1	..	..
Brookline,	13,319	1	1	..	..	..	..	..
Medford,	12,105	3	0	1	..	..	1	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	4	0	1	..	..	1	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	8	3	2	1	2	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,289,201	447	171	87	45	46	21	11

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-seven deaths were reported from the principal infectious diseases: diarrhœal diseases, 46; typhoid fever, 21; diphtheria and croup, 11; scarlet-fever, 4; cerebro-spinal meningitis, 3; whooping-cough, 1; erysipelas, 1.

No deaths were reported from small-pox, measles, malarial fever and puerperal fever.

There were 45 deaths from consumption; acute lung diseases, 38; and still-births, 24.

From scarlet-fever: Boston, 3; Lowell, 1. From cerebro-spinal meningitis: Lynn, Gloucester and Quincy, 1 each. From whooping-cough: Cambridge, 1. From erysipelas: Lynn, 1.

Deaths from the principal infectious diseases numbered 87, against 105 for the preceding week.

Deaths under five years of age numbered 171, against 221 for the preceding week.

Cases reported in Boston: typhoid fever, 41; scarlet-fever, 24; diphtheria, 18; and measles, 6.

The death rates for the week were: Boston, 20.81; Worcester, 14.63; Lowell, 28.37; Fall River, ——; Cambridge, 14.62; Lynn, 15.93; Springfield, 17.68; Lawrence, ——; Somerville, ——; New Bedford, 13.88; Holyoke, ——; Brockton, 15.86; Salem, 13.20; Haverhill, 14.56; Chelsea, 19.39; Malden, 26.71; Newton, 7.85; Taunton, 13.75; Gloucester, 11.99; Fitchburg, 12.25; Waltham, 9.93; Quincy, 19.49; Pittsfield, 2.84; North Adams, ——; Northampton, 16.57; Marlborough, ——; Everett, 14.70; Chicopee, ——; Woburn, ——; Newburyport, 25.94.

The total death rate for the week was 18.03, against 20.56 and 18.91 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 24, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	30.17	67	80	55	89	72	80	S. W.	S. W.		14	20		O.	C.			0.00
Monday, 19,	29.96	72	80	63	83	87	85	S. W.	N.W.		14	16		F.	O.			T.
Tuesday, 20,	30.32	56	62	50	67	51	59	N.	S.		17	8		C.	C.			0.01
Wednes'y, 21,	30.34	61	73	50	65	66	66	W.	S. W.		10	13		C.	C.			0.00
Thursday, 22,	30.34	61	71	50	67	82	74	S. W.	S. W.		9	9		F.	O.			0.00
Friday, 23,	30.33	70	77	62	78	88	83	S. W.	S. W.		9	11		O.	R.			T.
Saturday, 24,	30.20	71	75	66	81	90	86	S. W.	S.		9	7		T.	T.			T.
Week, - -	30.122	65	74	58	76	76	76				12	12						0.01

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 1, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 39

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 1, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10.000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	188	66	35	27	15	7	11
Worcester,	92,313	30	6	2	3	..	1	1
Lowell,	82,455	28	13	8	2	5	1	2
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	30	9	5	7	3	2	..
Lynn,	60,809	12	2	2	1	..	..	1
Springfield,	47,052	13	3	4	..	2	2	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	17	4	4	2	2	2	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	4	1	1	..	..	1	..
Salem,	31,495	10	1	4	..	1	2	1
Haverhill,	30,065	9	5	2	4	2	..	..
Chelsea,	29,479	12	7	1	2	1	..	..
Malden,	27,252	5	1	..	..	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	10	..	3	2	..	2	1
Gloucester,	26,008	10	3	2	2	1	..	..
Fitchburg,	25,444	8	5	..	..	..	..	..
Waltham,	20,942	4	1	..	..	..	..	..
Quincy,	18,669	..	..	..	..	..	..	..
Pittsfield,	18,294	3	3	..	1	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	1	0	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	1	0	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	..	..	..	..	..	..	..
Amesbury,	13,561	1	0	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	5	2	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	1	1	..	1	..	..	..
Clinton,	11,045	3	0	1	1	1	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield.	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,218,317	408	133	72	55	33	20	16

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Twenty-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 33; typhoid fever, 20; diphtheria and croup, 17; scarlet-fever, 2; cerebro-spinal meningitis, 2.

No deaths were reported from small-pox, malarial fever, measles and whooping-cough.

There were 55 deaths from consumption; acute lung diseases, 28; and still-births, 27.

From scarlet-fever: Boston, 2. From cerebro-spinal meningitis: Lynn and Gloucester, 1 each.

Deaths from the principal infectious diseases numbered 74, against 87 for the preceding week.

Deaths under five years of age numbered 133, against 171 for the preceding week.

Cases reported in Boston: scarlet-fever, 30; typhoid fever, 25; diphtheria, 21; and measles, 6.

The death rates for the week were: Boston, 20.81; Worcester, 16.89; Lowell, 17.65; Fall River, ——; Cambridge, 20.89; Lynn, 10.62; Springfield, 14.36; Lawrence, ——; Somerville, ——; New Bedford, 19.66; Holyoke, ——; Brockton, 6.34; Salem, 16.51; Haverhill, 15.56; Chelsea, 21.15; Malden, 9.54; Newton, ——; Taunton, 19.65; Gloucester, 19.99; Fitchburg, 16.34; Waltham, 9.93; Quincy, ——; Pittsfield, 8.52; North Adams, ——; Northampton, 3.31; Marlborough, ——; Everett, 3.67; Chicopee, ——; Woburn, ——; Newburyport, 3.70.

The total death rate for the week was 17.41, against 18.03 and 20.56 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.		DIRECTION OF WIND.			VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 1, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Sept. 25,	29.96	66	71	62	90	100	95	N.W.	E.	4	5	O.	G.			0.01
Monday, 26,	29.57	62	69	54	90	56	73	S.	W.	16	28	O.	C.			0.48
Tuesday, 27,	29.79	55	60	50	52	51	52	W.	S. W.	18	18	F.	C.			0.00
Wednes'y, 28,	29.98	64	75	53	60	62	61	W.	N.W.	20	6	C.	C.			0.00
Thursday, 29,	30.34	56	65	48	59	37	48	N.W.	N.W.	8	8	C.	C.			0.00
Friday, 30,	30.21	62	75	48	54	62	58	W.	S. W.	13	17	F.	O.			0.00
Saturday, Oct. 1,	30.05	58	67	49	66	46	56	W.	S. W.	15	9	F.	C.			0.00
Week, - -	29.985	60	69	52	67	59	61			13	13					0.07

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 10 smaller towns of Massachusetts, as reported to the State Board of Health for the month of September.

The total death-rate of reporting towns for the month was 14.65.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from Infectious Diseases.	Consumption.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal meningitis.
Middleborough,	6,135	5	1	1	1	..	1	..
Hudson,	4,902	3	2	2	1	..	2	..
Concord,	4,627	3	2	..	..	..	..	..
Easton,	4,508	5	2	2	1	..	1	1
Easthampton,	4,435	13	9	..	1	..	..	..
Swampscott,	3,334	2	0	..	..	..	..	..
Norton,	1,811	5	2	..	..	1	..	..
Shrewsbury,	1,449	2	0	..	..	1	..	..
Truro,	919	1	0	..	..	..	..	..
Burlington,	633	1	1	1	..	..	1	..
Total of reporting towns,	32,753	40	19	6	4	2	5	1

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 8, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 40

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 8, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	180	60	22	24	6	7	5
Worcester,	92,313	24	10	3	3	2	1	..
Lowell,	82.455	39	19	4	4	3	..	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	25	11	6	1	4	1	1
Lynn,	60,809	16	3	1	5	1	..	..
Springfield,	47,052	17	5	3	1	..	2	1
Lawrence,	45,910	20	5	5	..	1	1	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	19	8	5	4	3	2	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	9	2	..	..	..	..	..
Salem,	31,495	9	2	1	1	..	1	..
Haverhill,	30,065	11	4	1	3	..	..	1
Chelsea,	29,479	11	4	1	2	..	1	..
Malden,	27,252	6	2	..	..	..	..	..
Newton,	26,498	9	2	1	1	1	..	..
Taunton,	26,464	14	0	1	..	..	..	..
Gloucester,	26,008	7	2	..	..	..	..	..
Fitchburg,	25,444	5	2	1	1	..	1	..
Waltham,	20,942	2	1	..	..	..	..	..
Quincy,	18,669	4	1	..	1	..	..	..
Pittsfield,	18,294	4	2	1	1	..	1	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	5	1	..	1	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	4	3	1	1	..	..	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	5	0	2	2	..	..	2
Amesbury,	13,561	6	1	..	..	..	..	..
Brookline,	13,319	4	1	..	..	..	..	..
Medford,	12,105	3	0	..	1	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	2	1	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,310,954	460	152	59	57	21	18	10

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-nine deaths were reported from the principal infectious diseases: diarrhœal diseases, 21; typhoid fever, 18; diphtheria and croup, 10; scarlet-fever, 5; cerebro-spinal meningitis and puerperal fever, 2 each; whooping-cough, 1.

No deaths were reported from small-pox, malarial fever, measles and erysipelas.

There were 57 deaths from consumption; acute lung diseases, 35; and still-births, 24.

From scarlet-fever: Boston, 3; Lawrence, 2. From cerebro-spinal meningitis: Lawrence and Taunton, 1 each. From puerperal fever: Boston and Lowell, 1 each. From whooping-cough: Everett, 1.

Deaths from the principal infectious diseases numbered 59, against 24 for the preceding week.

Deaths under five years of age numbered 152, against 133 for the preceding week.

Cases reported in Boston: typhoid fever, 40; scarlet-fever, 37; diphtheria, 19; and measles, 5.

The death rates for the week were: Boston, 19.92; Worcester, 13.51; Lowell, 24.59; Fall River, ——; Cambridge, 17.41; Lynn, 14.16; Springfield, 18.78; Lawrence, 22.68; Somerville, ——; New Bedford, 21.98; Holyoke, ——; Brockton, 14.27; Salem, 14.85; Haverhill, 19.01; Chelsea, 19.39; Malden, 11.44; Newton, 17.66; Taunton, 27.51; Gloucester, 13.99; Fitchburg, 10.21; Waltham, 4.96; Quincy, 11.14; Pittsfield, 11.36; North Adams, ——; Northampton, 16.57; Marlborough, ——; Everett, 14.70; Chicopee, ——; Woburn, ——; Newburyport, 18.53.

The total death rate for the week was 18.25, against 17.41 and 18.03 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 8, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 2,	30.21	48	57	39	56	44	50	N.W.	N.W.		15	9		C.	C.			0.00
Monday, 3,	29.94	49	58	40	55	61	58	N.W.	S.W.		3	15		F.	O.			T.
Tuesday, 4,	29.52	60	65	55	78	74	76	W.	N.W.		13	5		O.	O.			0.12
Wednes'y, 5,	29.57	43	51	45	100	65	82	N.	N.W.		12	18		R.	O.			1.72
Thursday, 6,	29.77	46	56	38	63	54	60	W.	W.		20	12		C.	C.			0.00
Friday, 7,	29.83	58	69	47	57	67	62	S.W.	S.W.		12	20		O.	O.			0.00
Saturday, 8,	29.77	64	73	55	84	87	86	S.W.	S.W.		11	8		O.	C.			0.00
Week, - -	29.800	53	61	46	73	64	68				12	12						0.267

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 15, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of September.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 41.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 15, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	179	48	26	18	6	9	6
Worcester,	92,313	29	7	2	3	1	1	..
Lowell,	82,455	30	10	2	3	1	1	..
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	32	7	4	1	3	..	1
Lynn,	60,809	24	8	1	3	..	..	..
Springfield,	47,052	14	3	2	4	1	..	1
Lawrence,	45,910	22	14	3	1	2	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	15	6	3	..	..	2	1
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	5	0	1	..	..	1	..
Salem,	31,495	5	1	1	1	..	1	..
Haverhill,	30,065	7	3	..	1	..	..	..
Chelsea,	29,479	10	3	..	2	..	..	..
Malden,	27,252	11	3	2	2	2	..	..
Newton,	26,498	10	3	1	3	..	1	..
Taunton,	26,464	6	1	1	2	..	1	..
Gloucester,	26,008	4	1	..	1	..	..	..
Fitchburg,	25,444	7	2	2	..	..	..	..
Waltham,	20,942	8	0	1	1	..	..	..
Quincy,	18,669	..	..	..	..	..	..	..
Pittsfield,	18,294	3	0	3	..	..	..	2
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	..	..	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	5	1	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	..	..	..	..	..	..	..
Amesbury,	13,561	2	2	2	..	..	..	2
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	2	1	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	1	1	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,263,996	431	125	57	46	16	17	13

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-seven deaths were reported from the principal infectious diseases: typhoid fever, 17; diarrhœal diseases, 16; diphtheria and croup, 13; scarlet-fever, 7; erysipelas, 2; measles, 1; malarial fever, 1.

No deaths were reported from small-pox, cerebro-spinal meningitis, whooping-cough and puerperal fever.

There were 46 deaths from consumption; acute lung diseases, 41; and still-births, 32.

From scarlet-fever: Boston, 3; Lawrence, Fitchburg, Waltham and Pittsfield, 1 each. From erysipelas: Boston, 1. From measles: Lynn, 1. From malarial fever: Boston, 1.

Deaths from the principal infectious diseases numbered 57, against 59 for the preceding week.

Deaths under five years of age numbered 125, against 152 for the preceding week.

Cases reported in Boston: scarlet-fever, 41; typhoid fever, 40; diphtheria, 31; and measles, 7.

The death rates for the week were: Boston, 19.81; Worcester, 16.32; Lowell, 18.91; Fall River, ——; Cambridge, 22.29; Lynn, 21.24; Springfield, 15.47; Lawrence, 24.94; Somerville, ——; New Bedford, 17.35; Holyoke, ——; Brockton, 7.93; Salem, 8.25; Haverhill, 12.10; Chelsea, 17.63; Malden, 20.98; Newton, 19.63; Taunton, 11.79; Gloucester, 7.99; Fitchburg, 14.30; Waltham, 19.86; Quincy, ——; Pittsfield, 8.52; North Adams, ——; Northampton, ——; Marlborough, ——; Everett, 18.38; Chicopee, ——; Woburn, ——; Newburyport, ——.

The total death rate for the week was 17.73, against 18.25 and 17.41 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 15, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 9,	29.70	56	58	53	85	58	72	N.W.	N.		4	12		R.	O.			0.05
Monday, 10,	30.04	51	62	40	67	54	60	W.	W.		8	8		C.	C.			0.01
Tuesday, 11,	30.12	57	68	46	57	70	64	S. W.	N. E.		12	4		F.	C.			0.00
Wednes'y, 12,	30.44	45	52	38	63	74	68	N.W.	S. E.		5	8		C.	C.			0.00
Thursday, 13,	30.36	57	68	46	74	78	76	S. W.	S. W.		11	12		C.	C.			0.00
Friday, 14,	30.08	66	78	55	69	54	62	W.	N.W.		13	8		O.	C.			0.00
Saturday, 15,	30.11	57	59	55	74	72	73	N.	S.		4	10		C.	C.			0.00
Week, - -	30.121	56	64	48	69	66	68				10	9						0.008

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of September: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	139	243	382	Maple Syrup, . .	2	0	2
Butter, . . .	40	4	44	Canned Goods, .	1	0	1
Cheese, . . .	4	0	4	Honey, . . .	3	2	5
Lard, . . .	2	0	2	Tea, . . .	2	0	2
Olive Oil, . . .	..	..	..	Coffee, . . .	3	4	7
Vinegar, . . .	8	10	18	Cocoa, . . .	..	..	..
Spices, . . .	123	15	138	Confectionery, .	..	..	..
Cream of Tartar, .	43	0	43	Other articles of Food and Drinks,	2	0	2
Molasses, . . .	20	1	21	Drugs, . . .	23	11	44
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	425	290	715

Percentage of adulteration, 40.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The quality of milk obtained was poor, 63.6 per cent. of the samples obtained being below the legal standard.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Three were for violation of the statutes relating to the sale of Milk, and one, of Soule's Eradicator. Fines were imposed amounting to $170.

The samples of drugs found to be adulterated were Citrate of Iron and Quinine, Liquid of Magnesium, Olive Oil, Red Wine, Tincture of Aconite, Tincture of Iodine, White Wine and Miscellaneous one.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Fall River, Cambridge, Lynn, Somerville, New Bedford, Holyoke, Salem, Chelsea, Haverhill, Newton, Waltham, Quincy, Woburn, Everett, Marlborough, Brookline, Framingham, Greenfield, Hyde Park, Lenox, Millis, North Adams, Southborough and Watertown.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 22, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 42.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 22, 1892.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	186	59	32	17	3	8	9
Worcester,	92,313	20	11	5	4	..	1	1
Lowell,	82,455	40	11	5	8	1	2	2
Fall River,	82,128	..	..	..	..	..	..	..
Cambridge,	74,644	17	7	4	2	3	..	..
Lynn,	60,809	19	8	2	1	1	1	..
Springfield,	47,052	16	5	1	4	..	..	1
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	14	6	4	2	3	..	1
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	6	1	..	2	..	..	..
Salem,	31,495	8	2	2	2	..	..	1
Haverhill,	30,065	3	1	..	..	..	..	..
Chelsea,	29,479	8	0	..	2	..	..	..
Malden,	27,252	5	1	1	1	..	1	..
Newton,	26,498	11	2	1	2	..	..	1
Taunton,	26,464	5	1	..	..	..	..	..
Gloucester,	26,008	4	0	..	..	..	..	..
Fitchburg,	25,444	5	2	2	1	2	..	..
Waltham,	20,942	8	0	1	4	..	1	..
Quincy,	18,669	4	0	..	1	..	..	..
Pittsfield,	18,294	4	2	1	..	..	..	1
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	..	..	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	1	0	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	4	0	..	..	..	..	..
Amesbury,	13,561	6	2	2	2	..	..	2
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	2	1	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	..	..	..	..	..	..	..
Clinton,	11,045	3	2	2	1	2	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	6	2	1	1	1	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,261,157	405	126	66	57	16	14	19

DEATHS FROM PREVALENT DISEASES IN THE 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 19; diarrhœal diseases, 16; typhoid fever, 14; scarlet-fever, 13; whooping-cough, 2; puerperal fever, 1; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox, malarial fever, measles and erysipelas.

There were 57 deaths from consumption; acute lung diseases, 35; and still-births, 30.

From scarlet-fever: Boston, 12; Cambridge, 1. From whooping-cough: Worcester, 2. From puerperal fever: Salem, 1. From cerebro-spinal meningitis: Worcester, 1.

Deaths from the principal infectious diseases numbered 66, against 57 for the preceding week.

Deaths under five years of age numbered 126, against 125 for the preceding week.

Cases reported in Boston: scarlet-fever, 44; typhoid fever, 34; diphtheria, 33; and measles, 7.

The death rates for the week were: Boston, 20.59; Worcester, 11.26; Lowell, 25.22; Fall River, ——; Cambridge, 11.84; Lynn, 16.81; Springfield, 17.68; Lawrence, ——; Somerville, ——; New Bedford, 16.19; Holyoke, ——; Brockton, 9.51; Salem. 13.20; Haverhill, 5.18; Chelsea, 14.10; Malden, 9.54; Newton, 21.59; Taunton, 9.82; Gloucester, 7.99; Fitchburg, 10.08; Waltham, 19.86; Quincy, 11.14; Pittsfield, 11.36; North Adams, ——; Northampton, ——; Marlborough, ——; Everett, 3.67; Chicopee, ——; Woburn, ——; Newburyport, 14.82.

The total death rate for the week was 16.69, against 17.73 and 18.25 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Oct. 22, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 16,	29.93	59	62	56	91	92	91.5	S. W.	N.W.	9	8	R.	O.		0.25
Monday, 17,	30.19	51	53	48	81	76	78.5	N. E.	N. E.	16	4	O.	O.		0.00
Tuesday, 18,	30.12	54	61	47	80	81	80.5	N.W.	S. W.	5	14	F.	O.		0.00
Wednes'y, 19,	29.82	60	67	52	75	62	68.5	S. W.	W.	18	15	O.	C.		Trace.
Thursday, 20,	30.00	52	59	46	53	55	56.5	N.W.	N.W.	11	5	F.	O.		0.00
Friday, 21,	29.98	51	58	45	71	56	63.5	W.	W.	9	9	O.	C.		0.00
Saturday, 22,	29.96	55	64	46	64	49	56.5	W.	W.	12	9	C.	C.		0.00
Week, - -	30.00	54.6	60.6	48.6	74.3	67.3	70.8								0.035

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 29, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 43.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 29, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	469,645	186	53	28	34	3	5	14
Worcester,	92,313	26	5	2	5	..	..	..
Lowell,	82,455	28	6	4	1	1	1	1
Fall River,	82,128	40	16	13	1	3	1	4
Cambridge,	74,644	34	9	4	5	2	..	1
Lynn,	60,809	8	2	1	2	..	1	..
Springfield,	47,052	14	7	4	2	1	..	3
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	..	..	..	..	..	..	..
New Bedford,	44,947	14	5	2	4	1	..	1
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	7	..	2	2	..	1	..
Salem,	31,495	8	2	2	..	..	2	..
Haverhill,	30,065	20	9	1	3	1	..	..
Chelsea,	29,479	12	..	1	2	..	..	..
Malden,	27,252	8	1	..	..	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	..	..	..	..	..	..	..
Gloucester,	26,008	3	2	1	1	..	..	..
Fitchburg,	25,444	6	2	..	1	..	..	..
Waltham,	20,942	5	2	..	..	..	..	..
Quincy,	18,669	5	2	1	..	..	..	..
Pittsfield,	18,294	5	4	3	2	..	3	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	..	..	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	5	2	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	5	1	..	1	..	..	..
Amesbury,	13,561	1	0	1	..	1	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	1	0	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	5	1	..	2	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	..	..	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,279,952	446	131	70	69	13	14	24

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy deaths were reported from the principal infectious diseases: diphtheria and croup, 24; typhoid fever, 14; diarrhœal diseases, 13; scarlet-fever, 9; cerebro-spinal meningitis, 5; measles, 3; erysipelas, 1; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 69 deaths from consumption; acute lung diseases, 41; and still-births, 27.

From scarlet-fever: Boston and Fall River, 4 each; Chelsea, 1. From cerebro-spinal meningitis: Worcester, Lynn, Brockton, Gloucester and Quincy, 1 each. From measles: Lowell, Fall River and Boston, 1 each. From erysipelas: Boston, 1. From puerperal fever: Fall River, 1.

Deaths from the principal infectious diseases numbered 70, against 66 for the preceding week.

Deaths under five years of age numbered 131, against 126 for the preceding week.

Cases reported in Boston: scarlet-fever, 47; diphtheria, 37; measles, 31 and typhoid fever, 23.

The death rates for the week were: Boston, 20.59; Worcester, 14.63; Lowell, 17.65; Fall River, 25.32; Cambridge, 23.68; Lynn, 7.08; Springfield, 15.47; Lawrence, ——; Somerville, ——; New Bedford, 16.19; Holyoke, ——; Brockton, 11.10; Salem, 13.20; Haverhill, 34.58; Chelsea, 21.15; Malden, 15.26; Newton, ——; Taunton, ——; Gloucester, 5.99; Fitchburg, 12.25; Waltham, 12.41; Quincy, 13.92; Pittsfield, 14.21; North Adams, ——; Northampton, ——; Marlborough, ——; Everett, 18.38; Chicopee, ——; Woburn, ——; Newburyport, 18.53.

The total death rate for the week was 18.90, against 16.69 and 17.73 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 29, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 23,	29.74	56	63	49	57	55	56	S. W.	W.		11	11		C.	C.			0.00
Monday, 24,	29.85	47	53	41	63	52	58	W.	W.		12	7		C.	F.			0.00
Tuesday, 25,	29.85	46	56	36	68	67	68	W.	S. E.		8	6		C.	O.			0.00
Wednes'y, 26,	29.74	45	48	42	92	85	88	N.W.	W.		6	12		O.	O.			0.07
Thursday, 27,	29.85	47	56	38	76	54	65	W.	W.		10	3		C.	O.			0.00
Friday, 28,	29.86	47	54	40	63	69	66	W.	N. E.		5	4		C.	F.			0.00
Saturday, 29,	29.64	48	56	40	65	60	62	S.	W.		9	13		O.	F.			0.09
Week, - -	29.79	48	55.1	40.8	69	63	66											0.16

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 5, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 44.

STATE BOARD OF HEALTH.

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Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 5, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Boston,	469,645	182	43	21	29	3	10	4
Worcester,	92,313	24	7	4	3	2	1	..
Lowell,	82,455	22	9	..	7	..	..	..
Fall River,	82,128	24	6	4	2	..	1	2
Cambridge,	74,644	17	1	3	2	1	1	..
Lynn,	60,809	11	1	2	1	1	1	..
Springfield,	47,052	12	4	3	..	..	2	1
Lawrence,	45,910	20	8	3	3	1	1	..
Somerville,	45,054	11	4	1	1	..	..	..
New Bedford,	44,947	7	..	2	2	2	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	7	1	1	..	..	1	..
Salem,	31,495	13	1	1	3	..	..	..
Haverhill,	30,065	3	1	1	1	..	..	..
Chelsea,	29,479	11	0	1	..	..	..	..
Malden,	27,252	..	..	..	..	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	10	3	1	1	..	..	1
Gloucester,	26,008	8	0	1	2	..	..	1
Fitchburg,	25,444	5	2	1	1	1	..	..
Waltham,	20,942	9	0	2	..	..	..	1
Quincy,	18,669	3	0	..	..	..	..	..
Pittsfield,	18,294	3	0	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	3	1	..	1	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	2	0	..	1	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	7	2	..	..	..	..	..
Amesbury,	13,561	2	0	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	1	1	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	..	..	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	0	0	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Total of reporting towns,	1,385,133	417	95	52	60	11	18	10

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 18; diarrhœal diseases, 11; scarlet-fever, 10; typhoid fever, 10; cerebro-spinal meningitis, erysipelas and whooping-cough, each 1.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 60 deaths from acute lung diseases; consumption, 53; and still-births, 26.

From typhoid fever: Boston, 3; Fall River, Cambridge, Lawrence, Somerville, Salem, Chelsea and Waltham, 1 each. From cerebro-spinal meningitis: Worcester, 1. From erysipelas: Haverhill, 1. From whooping-cough: Boston, 1.

Deaths from the principal infectious diseases numbered 52, against 70 for the preceding week.

Deaths under five years of age numbered 95, against 131 for the preceding week.

Cases reported in Boston: scarlet-fever, 51; diphtheria, 35; measles, 34; and typhoid fever, 27.

The death rates for the week were: Boston, 20.15; Worcester, 13.51; Lowell, 13.87; Fall River, 15.19; Cambridge, 11.84; Lynn, 9.73; Springfield, 13.26; Lawrence, 22.68; Somerville, 13.84; New Bedford, 8.09; Holyoke, ——; Brockton, 11.10; Salem, 21.46; Haverhill, 5.18; Chelsea, 19.39; Malden, ——; Newton, ——; Taunton, 19.65; Gloucester, 15.99; Fitchburg, 10.21; Waltham, 22.34; Quincy, 8.35; Pittsfield, 8.52; North Adams, ——; Northampton, 9.94; Marlborough, ——; Everett, 7.35; Chicopee, ——; Woburn, ——; Newburyport, 25.94.

The total death rate for the week was 15.65, against 18.90 and 16.69 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 5, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Oct. 30,	29.98	47	53	41	68	67	68	N.W.	W.	16	12	C.	C.		0.00
Monday, 31,	30.20	46	55	37	69	46	58	W.	S. W.	10	13	C.	O.		0.00
Tuesday, Nov. 1,	30.18	50	54	46	64	76	70	S. W.	N. E.	7	11	O.	O.		0.00
Wednes'y, 2,	30.20	45	50	40	81	100	90	N. E.	W.	25	12	O.	R.		0.20
Thursday, 3,	29.88	46	51	40	93	70	82	W.	W.	2	17	R.	C.		0.39
Friday, 4,	29.73	47	51	43	66	72	69	S. W.	S. E.	2	7	F.	R.		Trace.
Saturday, 5,	29.68	34	37	30	95	73	84	W.	N.W.	20	23	N.	C.		0.15
Week, - -	29.98	45.0	50.1	39.6	76.6	72.0	74.4								0.74

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 9 smaller towns of Massachusetts, as reported to the State Board of Health for the month of October.

The total death-rate of reporting towns for the month was 13.74.

TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Consumption.	Acute Lung Diseases.	Diarrhœal Diseases.	Whooping-Cough.
Middleborough,	6,256	10	0	1	..	2	1	..
Concord,	4,627	4	0	..	1	1	..	..
Easton,	4,508	5	0	1	..	1	..	1
Easthampton,	4,435	3	0	1	1	..	1	..
Swampscott,	3,334	3	0	..	1	1	..	..
Merrimac,	2,633	1	0	..	..	..	..	..
Groton,	2,037	5	2	1	..	..	1	..
Norton,	1,811	3	0	..	..	..	..	..
Truro,	919	1	0	..	..	..	..	..
Total of reporting towns,	30,560	35	2	4	3	5	3	1

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 12, 1892.

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of October.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 45.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 12, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.	Scarlet Fever.
Boston,	469,645	245	74	44	32	8	20	6
Worcester,	92,313	25	6	3	4	..	1	..
Lowell,	82,455	31	9	1	6	1	..	..
Fall River,	82,128	22	8	8	..	1	2	1
Cambridge,	74,644	14	6	1	4	..	..	1
Lynn,	60,809	13	5	2	1	2	..	..
Springfield,	47,052	9	2	4	..	..	2	2
Lawrence,	45,910	22	7	5	..	2	2	1
Somerville,	45,054	9	3	1	2	..	..	..
New Bedford,	44,947	20	7	..	2	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	8	0	..	..	..	..	..
Salem,	31,495	7	2	3	1	1	..	..
Haverhill,	30,065	6	2	2	2	1	..	..
Chelsea,	29,479	8	4	..	2	..	..	..
Malden,	27,252	4	0	1	1	1	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	12	4	1	2	..	..	1
Gloucester,	26,008	3	1	1	..	..	..	1
Fitchburg,	25,444	..	..	..	..	..	..	..
Waltham,	20,942	14	1	1	5	..	..	1
Quincy,	18,669	5	3	1	..	..	..	..
Pittsfield,	18,294	3	3	..	1	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	..	..	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	8	3	..	1	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	2	0	..	1	..	..	..
Amesbury,	13,561	2	0	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	0	0	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	5	1	2	..	2	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	4	3	1	..	..	..	1
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.	Scarlet Fever.
Total of reporting towns,	1,382,343	501	154	82	67	19	27	15

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 27; typhoid fever, 19; scarlet-fever, 15; diarrhœal diseases, 13; cerebro-spinal meningitis, 2; erysipelas, 2; whooping-cough, 1; puerperal fever, 1.

No deaths were reported from small-pox, malarial fever and measles.

There were 67 deaths from consumption; acute lung diseases, 66; and still-births, 35.

From diarrhœal diseases: Boston, 5; Fall River, 3; Worcester and Salem, 2 each; Haverhill, 1. From cerebro-spinal meningitis: Somerville and Quincy, 1 each. From erysipelas: Boston and Fall River, 1 each. From whooping-cough: Boston, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 82, against 52 for the preceding week.

Deaths under five years of age numbered 154, against 95 for the preceding week.

Cases reported in Boston: measles, 53; scarlet-fever, 53; diphtheria, 37; and typhoid fever, 23.

The death rates for the week were: Boston, 27.12; Worcester, 14.75; Lowell, 19.54; Fall River, 13.92; Cambridge, 9.75; Lynn, 11.50; Springfield, 9.94; Lawrence, 24.94; Somerville, 10.38; New Bedford, 22.14; Holyoke, ——; Brockton, 12.68; Salem, 11.56; Haverhill, 12.10; Chelsea, 14.80; Malden, 7.63; Newton, ——; Taunton, 23.58; Gloucester, 5.99; Fitchburg, ——; Waltham, 34.76; Quincy, 13.92; Pittsfield, 8.52; North Adams, ——; Northampton, ——; Marlborough, ——; Everett, 29.40; Chicopee, ——; Woburn, ——; Newburyport, 7.41.

The total death rate for the week was 18.84, against 15.65 and 18.90 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 12, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 6,	30.19	36	44	28	58	46	52	N.W.	S.	11	6	C.	C.		0.00
Monday, 7,	30.15	48	59	36	74	78	76	S.	S. W.	12	24	O.	R.		Trace.
Tuesday, 8,	30.02	56	66	46	87	55	71	S. W.	W.	15	12	O.	C.		0.10
Wednes'y, 9,	30.38	42	46	37	63	54	58	W.	N.	10	6	O.	O.		0.00
Thursday, 10,	29.85	40	46	35	100	92	96	N. E.	W.	25	8	R.	F.		1.66
Friday, 11,	30.06	35	40	30	63	54	58	N.	N.W.	13	6	C.	C.		0.00
Saturday, 12,	30.12	35	42	28	74	61	68	W.	S. E.	3	4	O.	O.		0.00
Week, - -	30.11	41.7	49.0	34.3	74.1	62.8	68.4								0.25

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of October: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	153	139	292	Maple Syrup,	1	1	2
Butter,	23	2	25	Canned Goods,	..	..	..
Cheese,	5	0	5	Honey,	6	1	7
Lard,	..	..	..	Tea,	3	0	3
Olive Oil,	1	0	1	Coffee,	2	3	5
Vinegar,	14	6	20	Cocoa,	..	..	..
Spices,	138	15	153	Confectionery,	8	0	8
Cream of Tartar,	30	4	34	Other articles of Food and Drinks,	7	1	8
Molasses,	20	0	20	Drugs,	16	9	25
Syrups,	..	..	..				
Maple Sugar,	1	1	2				
				Totals,	428	182	610

Percentage of adulteration, 29.8. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 47.6 per cent.

One of the complaints entered by the Board during the past month on account of milk adulteration, that of John Casey, a dairyman of Worcester County, was the worst of the kind which has ever come under the observation of the Board. Twelve samples of milk were taken from Casey's wagon, at Charlton Station, from as many full cans, with the following result: —

SAMPLE NUMBER.	FAT.	TOTAL SOLIDS.	SAMPLE NUMBER.	FAT.	TOTAL SOLIDS.
8285	2.44	6.53	8297	...	12.94
8287	1.56	6 32	8299	2.07	8.92
8289	.61	5 49	8301	.88	6.97
8291	1.22	4.72	8303	.91	7.30
8293	2.57	7.69	8305	2 35	6.30
8295	1.49	5.41	8307	2 90	11 22

AVERAGE OF TOTAL SOLIDS, 7.48.

The average composition of this lot of Milk proved that nearly 50 per cent. of its volume was added water, and in some of the cans as high as 65 per cent.

Casey was convicted and fined.

Eleven complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Five were for violation of the statutes relating to the sale of Milk; two of Coffee; Honey, Cream of Tartar, Cloves and Pepper, one each. Fines were imposed, amounting to $247.

The samples of drugs found to be adulterated were Aqua Ammonia, Freckle Lotion, Spirits of Juniper, Tincture of Iodine, Tincture of Opium, and Red Wine.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Cambridge, Springfield, Lawrence, Somerville, Salem, Chelsea, Malden, Newton, Taunton, Waltham, Pittsfield, Brookline, Charlton, Greenfield, Hyde Park, Lee, Marblehead, Milton, Natick, North Adams, Orange, Stoneham, Stoughton and Ware.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 19, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 46.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Elijah U. Jones, M.D., Taunton.
John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 19, 1892.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	193	60	28	29	3	14	7
Worcester,	92,313	16	9	4	..	2	..	1
Lowell,	82,455	30	10	1	3	1	..	..
Fall River,	82,128	32	12	4	4	2	1	1
Cambridge,	74,644	19	9	1	2	..	..	1
Lynn,	60,809	16	4	2	1	..	1	..
Springfield,	47,052	14	5	2	2	1	1	..
Lawrence,	45,910	16	6	3	1	..	1	..
Somerville,	45,054	17	2	..	4	..	..	..
New Bedford,	44,947	19	5	..	2	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	31,495	6	0	1	..	..	1	..
Salem,	31,495	11	2	3	1	1	..	..
Haverhill,	30,065	5	2	..	..	..	..	..
Chelsea,	29,479	12	3	3	2	..	1	1
Malden,	26,805	6	0	1	1	..	..	..
Newton,	26,498	5	0	..	1	..	..	..
Taunton,	26,464	10	0	..	1	..	..	..
Gloucester,	26,464	5	2	1	1	..	..	..
Fitchburg,	25,444	8	4	..	..	..	..	..
Waltham,	20,942	6	2	..	..	..	..	..
Quincy,	18,669	3	2	1	..	..	..	..
Pittsfield,	18,294	3	1	..	2	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	7	1	2	..	..	2	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	1	0	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	6	2	2	1	..	2	..
Amesbury,	13,561	2	1	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	4	2	3	1	..	2	1
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	2	1	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	0	0	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,449,969	474	147	62	59	10	26	12

DEATHS FROM PREVALENT DISEASES IN THE 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 26; scarlet-fever, 12; diarrhœal diseases, 10; typhoid fever, 6; cerebro-spinal meningitis, 3; puerperal fever, 2; whooping-cough, erysipelas and malarial fever, 1 each.

No deaths were reported from small-pox and measles.

There were 59 deaths from consumption; acute lung diseases, 57; and still-births, 36.

From typhoid fever: Boston, 3; Chelsea, Malden and Quincy, 1 each. From cerebro-spinal meningitis: Worcester, Lawrence and Gloucester, 1 each. From puerperal fever: Salem, 2. From whooping-cough: Lawrence, 1. From erysipelas: Lynn, 1. From malarial fever: Boston, 1.

Deaths from the principal infectious diseases numbered 62, against 82 for the preceding week.

Deaths under five years of age numbered 147, against 154 for the preceding week.

The death rates for the week were: Boston, 21.36; Worcester, 7.50; Lowell, 18.91; Fall River, 20.25; Cambridge, 13.23; Lynn, 14.16; Springfield, 15.47; Lawrence, 18.14; Somerville, 19.61; New Bedford, 21.98; Holyoke, ——; Brockton, 9.51; Salem, 18.16; Haverhill, 8.64; Chelsea, 21.15; Malden, 11.44; Newton, 9.81; Taunton, 19.65; Gloucester, 9.99; Fitchburg, 16.34; Waltham, 14.89; Quincy, 8.35; Pittsfield, 8.52; Northampton, 23.20; Marlborough, ——; Everett, 3.67; Chicopee, ——; Woburn, ——; Newburyport, 22.23.

The total death rate for the week was 16.86, against 18.84 and 15.65 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 19, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 13,	30.36	39	44	34	81	72	76	W.	S. E.	6	8	C.	F.		0.00
Monday, 14,	30.34	47	56	38	77	83	80	S.	S.	6	7	F.	O.		0.00
Tuesday, 15,	30.19	49	51	44	93	100	96	N. E.	E.	6	13	O.	R.		0.03
Wednes'y, 16,	29.74	54	60	49	97	88	92	E.	S. W.	35	16	R.	O.		1.08
Thursday, 17,	30.09	57	65	49	77	84	80	W.	S.	8	7	C.	O.		0.00
Friday, 18,	29.81	58	65	50	92	88	90	S. E.	S.	15	16	O.	R.		0.20
Saturday, 19,	29.82	45	50	40	80	50	65	W.	S. W.	11	9	F.	C.		0.04
Week, - -	30.05	49.8	56.3	43.4	85.3	80.7	82.7								0.19

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 26, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 47.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman*.
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary*.
F. P. STEARNS, C.E., *Engineer*.

MORTALITY OF MASSACHUSETTS

For the Week ending November 26, 1892.

Deaths reported to the State Board of Health in 23 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	186	45	20	27	5	8	3
Worcester,	92,313	28	9	4	3	..	1	..
Lowell,	82,455	31	10	3	8	1	1	..
Fall River,	82,128	35	10	8	5	2	3	3
Cambridge,	74,644	17	4	5	1	..	4	..
Lynn,	60,809	16	4	2	2	..	1	..
Springfield,	47,052	14	4	4	2	..	4	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	8	2	..	..	..	..	..
New Bedford,	44,947	15	4	..	5	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	..	..	..	..	..	..	..
Salem,	31,495	10	1	2	2	2	..	..
Haverhill,	30,065	..	..	..	..	..	..	..
Chelsea,	29,479	8	2	..	2	..	..	..
Malden,	27,252	..	..	..	..	..	..	..
Newton,	26,498	5	1	..	1	..	..	..
Taunton,	26,464	8	2	..	1	..	..	..
Gloucester,	26,008	..	..	..	..	..	..	..
Fitchburg,	25,444	..	..	..	..	..	..	..
Waltham,	20,942	2	0	..	..	..	..	..
Quincy,	18,669	9	3	1	..	..	..	..
Pittsfield,	18,294	3	1	1	2	..	1	1
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	3	1	..	1	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	3	2	..	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	3	0	..	..	..	..	..
Amesbury,	13,561	1	0	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	3	1	1	..	1	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	1	0	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	0	0	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,262,507	409	106	51	62	11	23	7

DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 23; typhoid fever, 11; scarlet-fever, 7; diarrhœal diseases, 4; cerebro-spinal meningitis, 2; whooping-cough, erysipelas and malarial fever, 1 each.

No deaths were reported from small-pox and puerperal fever.

There were 62 deaths from acute lung diseases; consumption, 53; and still-births, 18.

From scarlet-fever: Boston and Fall River, 3 each; Quincy, 1. From diarrhœal diseases: Boston, 2; Worcester and Lowell, 1 each. From cerebro-spinal meningitis: Boston and Worcester, 1 each. From whooping-cough: Cambridge, 1. From erysipelas: Lynn, 1. From malarial fever: Worcester, 1.

Deaths from the principal infectious diseases numbered 51, against 59 for the preceding week.

Deaths under five years of age numbered 106, against 144 for the preceding week.

Cases reported in Boston: measles, 58; scarlet-fever, 49; diphtheria, 39: and typhoid fever, 13.

The death rates for the week were: Boston, 20.59; Worcester, 15.76; Lowell, 19.54; Fall River, 22.15; Cambridge, 11.84; Lynn, 14.16; Springfield, 15.47; Lawrence, ——; Somerville, 9.23; New Bedford, 17.34; Holyoke, ——; Brockton, ——; Salem, 16.51; Haverhill, ——; Chelsea, 14.10; Malden, ——; Newton, 9.81; Taunton, 15.72; Gloucester, ——; Fitchburg, ——; Waltham, 4.96; Quincy, 25.06; Pittsfield, 8.52; North Adams, ——; Northampton, 9.94; Marlborough, ——; Everett, 11.02; Chicopee, ——; Woburn, ——; Newburyport, 11.11.

The total death rate for the week was 16.84, against 16.91 and 18.84 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 26, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 20,	30.11	40	46	35	73	50	62	N.W	N.W.	10	14	F.	C.		0.00
Monday, 21,	30.08	40	50	30	67	70	68	W.	S. W.	9	8	C.	O.		Trace.
Tuesday, 22,	29.90	37	42	32	67	50	58	W.	W.	15	18	C.	C.		0.00
Wednes'y, 23,	29.79	29	34	24	63	53	58	W.	W.	14	8	C.	C.		0.00
Thursday, 24,	29.80	26	33	20	58	57	58	W.	W.	16	14	C.	C.		0.00
Friday, 25,	30.01	32	40	24	66	56	61	N.W.	N.W.	16	12	F.	O.		0.00
Saturday, 26,	30.26	34	41	26	77	68	72	N.W.	N.	9	3	C.	O.		0.00
Week, - -	29.99	34.0	40.9	27.3	67.3	57.7	62.4								Trace.

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 3, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 48.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 3, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	231	72	36	41	3	16	10
Worcester,	92,313	23	10	2	3	..	1	..
Lowell,	82,455	25	12	1	3	1	..	..
Fall River,	82,128	21	10	2	3	1	..	1
Cambridge,	74,644	25	5	2	5	..	1	..
Lynn,	60,809	17	..	1	3	..	1	..
Springfield,	47,052	17	2	5	1	2	3	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	7	4	3	1	..	1	..
New Bedford,	44,947	16	5	1	1	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,782	3	2	1	1	..	1	..
Salem,	31,495	7	3	2	..	..	2	..
Haverhill,	30,065	4	0	..	..	..	..	..
Chelsea,	29,479	7	6	..	..	..	..	..
Malden,	27,252	8	1	1	2	..	1	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	5	0	..	2	..	..	..
Gloucester,	26,008	11	3	2	2	1	..	1
Fitchburg,	25,444	9	4	..	..	..	..	..
Waltham,	20,942	3	0	..	..	..	..	..
Quincy,	18,669	1	0	..	..	..	..	..
Pittsfield,	18,294	3	0	1	1	1	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	3	0	1	..	..	1	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	3	2	..	..	..	..	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	8	1	1	1	..	1	..
Amesbury,	13,561	1	0	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	2	0	..	..	..	..	..
Beverly.	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	..	..	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	3	0	1	..	1	..	..
Westfield.	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,366,475	463	142	63	70	10	29	12

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 29; scarlet-fever, 12; typhoid fever, 10; diarrhœal diseases, 4; cerebro-spinal meningitis, 3; measles, 2; puerperal fever, malarial fever and whooping-cough, 1 each.

No deaths were reported from small-pox and erysipelas.

There were 70 deaths from acute lung diseases; consumption, 64; and still-births, 44.

From diarrhœal diseases: Boston, 2; Worcester and Cambridge, 1 each. From cerebro-spinal meningitis: Somerville, 2, Boston, 1. From measles: Boston, 2. From puerperal fever: Boston, 1. From malarial fever: New Bedford, 1. From whooping-cough: Boston, 1.

Deaths from the principal infectious diseases numbered 63, against 51 for the preceding week.

Deaths under five years of age numbered 142, against 106 for the preceding week.

Cases reported in Boston: measles, 86; scarlet-fever, 66; diphtheria, 43; and typhoid fever, 24.

The death rates for the week were: Boston, 25.59; Worcester, 12.94; Lowell, 15.76; Fall River, 13.29; Cambridge, 27.41; Lynn, 15.04; Springfield, 18.78; Lawrence, ——; Somerville, 8.07; New Bedford, 18.51; Holyoke, ——; Brockton, 4.75; Salem, 11.55; Haverhill, 12.34; Chelsea, 9.82; Malden, 15.26; Newton, ——; Taunton, 9.82; Gloucester, 21.99; Fitchburg, 18.38; Waltham, 7.44; Quincy, 2.78; Pittsfield, 8.52; North Adams, ——; Northampton, 9.94; Marlborough, ——; Everett, 11.02; Chicopee, ——; Woburn, ——; Newburyport, 29.64.

The total death rate for the week was 17.62, against 16.84 and 16.91 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 3, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Nov. 27,	30.45	36	37	34	70	66	68	N.	N.		9	9		O.	O.			Trace.
Monday, 28,	30.28	36	39	32	81	91	86	N.	N. E.		11	19		O.	R.			0.07
Tuesday, 29,	30.09	34	38	30	79	94	86	N.	N.		19	24		O.	N.			0.31
Wednes'y, 30,	29.84	30	34	26	100	90	95	N.	N.		26	12		N.	N.			0.22
Thursday, Dec. 1,	29.74	34	37	30	75	81	78	N.W.	N.W.		20	14		O.	O.			0.02
Friday, 2,	29.70	38	47	30	72	63	68	N.W.	N.W.		15	16		O.	C.			0.00
Saturday, 3,	29.64	34	40	29	62	76	69	W.	W.		16	12		C.	O.			0.01
Week, - -	29.96	34.6	38.9	30.1	77.0	80.1	78.6											0.09

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 9 smaller towns of Massachusetts, as reported to the State Board of Health for the month of November.

The total death-rate of reporting towns for the month was 15.33.

TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Typhoid Fever.
Middleborough,	6,256	5	1	2	1	1	1	..
Hudson,	4,902	5	2	1	..	1	..	..
Concord,	4,627	5	3	1	..	1	..	..
Easton,	4,508	7	2	2	1	..	2	..
Easthampton,	4,435	12	3	4	..	..	4	..
Swampscott,	3,334	3	1	..	..	..	..	..
Merrimac,	2,633	3	0	..	..	..	..	..
Groton,	2,037	3	0	..	1	..	..	..
Truro,	919	0	0	..	..	..	..	..
Total of reporting towns,	33,651	43	12	10	3	3	7	0

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 10, 1892,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of November.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 49.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 10, 1892.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	195	60	31	29	5	12	7
Worcester,	92,313	19	6	3	1	..	1	..
Lowell,	82,455	33	11	..	7	..	..	..
Fall River,	82,128	33	13	9	2	1	4	1
Cambridge,	74,644	22	5	5	2	2	2	1
Lynn,	60,809	12	4	2	1	..	1	..
Springfield,	47,052	17	3	2	1	1	1	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	13	5	..	4	..	..	..
New Bedford,	44,947	10	3	1	3	..	..	1
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	4	0	..	..	..	..	..
Salem,	31,495	12	4	1	..	..	..	..
Haverhill,	30,005	8	1	..	1	..	..	..
Chelsea,	29,479	10	5	1	1	1	..	..
Malden,	27,252	7	0	..	2	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	6	0	..	1	..	..	..
Gloucester,	26,008	5	2	..	..	..	..	..
Fitchburg,	25,444	9	8	1	2	..	..	..
Waltham,	20,942	4	1	1	..	..	..	1
Quincy,	18,669	2	0	..	..	..	..	..
Pittsfield,	18,294	3	1	1	1	..	1	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	8	2	3	..	..	..	3
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	2	1	2	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	3	0	..	..	..	..	..
Amesbury,	13,561	3	2	..	1	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	4	1	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	2	1	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	0	0	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,377,561	446	139	63	59	10	22	14

DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 22; scarlet-fever, 14; typhoid fever, 10; diarrhœal diseases, 5; erysipelas, 5; cerebro-spinal meningitis, 4; whooping-cough, 2; puerperal fever, 1.

No deaths were reported from small-pox, measles and malarial fever.

There were 59 deaths from acute lung diseases; consumption, 59; and still-births, 28.

From diarrhœal diseases: Fall River, 3; Boston and Fitchburg, 1 each. From erysipelas: Boston, 3; Salem and Everett, 1 each. From cerebro-spinal meningitis: Worcester, 2; Lynn and Everett, 1 each. From whooping-cough: Boston, 2. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 63, the same as for the preceding week.

Deaths under five years of age numbered 139, against 142 for the preceding week.

Cases reported in Boston: measles, 107; scarlet-fever, 70; diphtheria, 33; and typhoid fever, 9.

The death rates for the week were: Boston, 21.58; Worcester, 10.69; Lowell, 20.80; Fall River, 20.88; Cambridge, 15.32; Lynn, 10.62; Springfield, 18.78; Lawrence, ——; Somerville, 15.00; New Bedford, 11.57; Holyoke, ——; Brockton, 6.34; Salem, 19.81; Haverhill, 13.83; Chelsea, 17.63; Malden, 13.35; Newton, ——; Taunton, 11.79; Gloucester, 9.99; Fitchburg, 18.38; Waltham, 9.93; Quincy, 5.57; Pittsfield, 8.52; North Adams, ——; Northampton, 26.52; Marlborough, ——; Everett, 7.35; Chicopee, ——; Woburn, ——; Newburyport, 11.11.

The total death rate for the week was 16.83, against 17.62 and 16.84 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 10, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	29.68	38	42	35	73	61	67	S. W.	W.	10	12	O.	O.		Trace.
Monday, 5,	30.05	32	37	26	64	57	60	N.W.	N.W.	19	13	F.	C.		0.00
Tuesday, 6,	30.05	30	39	21	73	82	78	W.	S.	6	12	C.	N.		0.04
Wednes'y, 7,	30.01	38	44	32	75	66	70	N.W.	N. E.	9	4	C.	C.		0.08
Thursday, 8,	29.80	41	48	34	84	100	92	E.	W.	15	6	O.	R.		0.30
Friday, 9,	29.96	43	48	38	84	60	72	W.	N.W.	10	8	F.	C.		0.31
Saturday, 10,	30.12	36	40	33	73	91	82	N.W.	N.W.	2	6	O.	C.		0.02
Week, - -	29.95	36.9	42.6	31.3	75.1	73.9	74.5								0.11

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of November: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	209	123	332	Maple Syrup, . .	1	3	4
Butter, . . .	53	5	58	Canned Goods, .	..	..	..
Cheese, . . .	5	0	5	Honey, . . .	6	0	6
Lard, . . .	2	1	3	Tea, . . .	10	0	10
Olive Oil, . . .	4	1	5	Coffee, . . .	6	4	10
Vinegar, . . .	10	6	16	Cocoa, . . .	..	..	..
Spices, . . .	117	20	137	Confectionery, .	3	0	3
Cream of Tartar, .	48	4	52	Other articles of Food and Drinks,	7	7	14
Molasses, . . .	19	0	19	Drugs, . . .	22	13	35
Syrups, . . .	2	0	2				
Maple Sugar, . .	..	..	..				
				Totals, . .	534	187	721

Percentage of adulteration, 25.9. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 37.0 per cent.

Eight complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Three of these were for violation of the statutes relating to the sale of Milk; one of Coffee; one of Cream of Tartar; and one of Freckle Lotion. Fines were imposed amounting to $142.

The samples of drugs found to be adulterated were Aqua Ammonia Fortior, Citrate of Iron and Quinine, Glycerine, Red Wine, Spirits of Juniper, Tincture of Iodine and Tincture of Opium.

The cities and towns from which samples of food were collected were Boston, Lowell, Cambridge, Lynn, Chelsea, Brockton, Malden, Newton, Waltham, Pittsfield, Marlborough, Everett, Adams, Amherst, Billerica, Carlisle, Chelmsford, Dedham, Greenfield, North Adams, Norwood, Revere and Winchester.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 17, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 50.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
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John M. Raymond, Esq., Salem.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
Gen. Morris Schaff, Pittsfield.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 17, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	204	53	25	42	4	11	6
Worcester,	92,313	25	11	3	4	1	2	..
Lowell,	82,455	30	15	4	9	..	..	1
Fall River,	82,128	30	10	5	7	1	2	2
Cambridge,	74,644	18	3	..	1	..	..	..
Lynn,	60,809	16	..	1	..	..	..	..
Springfield,	47,052	11	3	3	1	..	2	1
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	10	4	1	2	..	..	1
New Bedford,	44,947	..	..	..	..	..	..	..
Holyoke,	40,009	..	..	..	..	..	..	..
Brockton,	32,783	4	1	..	1	..	1	..
Salem,	31,495	13	7	1	1	..	1	..
Haverhill,	30,065	6	2	1	1	1	..	..
Chelsea,	29,479	10	6	2	1	..	..	1
Malden,	27,252	6	2	..	..	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	10	1	1	1	..	..	1
Gloucester,	26,008	9	2	..	..	..	..	..
Fitchburg,	25,444	7	1	..	..	..	..	..
Waltham,	20,942	5	2	1	..	..	..	1
Quincy,	18,669	3	0	..	..	..	..	..
Pittsfield,	18,294	5	0	..	..	..	..	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	5	0	2	..	..	..	1
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	2	2	1	..	..	..	..
Chicopee,	14,738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	2	0	..	..	..	..	..
Amesbury,	13,561	5	2	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	6	3	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	2	0	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	2	0	1	..	1	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,332,614	446	130	50	71	8	19	15

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty deaths were reported from the principal infectious diseases: diphtheria and croup, 19; scarlet-fever, 15; typhoid fever, 8; measles and diarrhœal diseases, 3 each; cerebro-spinal meningitis, whooping-cough, erysipelas and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 71 deaths from acute lung diseases; consumption, 57; and still-births, 42.

From measles: Boston, 2; Lowell, 1. From diarrhœal diseases: Lowell, 2; Everett, 1. From cerebro-spinal meningitis: Lynn, 1. From whooping-cough: Chelsea, 1. From erysipelas: Boston, 1. From puerperal fever: Northampton, 1.

Deaths from the principal infectious diseases numbered 50, against 63 for the preceding week.

Deaths under five years of age numbered 130, against 139 for the preceding week.

Cases reported in Boston: measles, 80; scarlet-fever, 69; diphtheria, 41; and typhoid fever, 15.

The death rates for the week were: Boston, 22.58; Worcester, 14.75; Lowell, 18.91; Fall River, 18.99; Cambridge, 12.53; Lynn, 14.16; Springfield, 12.15; Lawrence, ——; Somerville, 11.54; New Bedford, ——; Holyoke, ——; Brockton, 6.34; Salem, 21.46; Haverhill, 10.37; Chelsea, 17.63; Malden, 11.44; Newton, ——; Taunton, 19.65; Gloucester, 17.99; Fitchburg, 14.30; Waltham, 12.41; Quincy, 8.35; Pittsfield, 14.21; North Adams, ——; Northampton, 16.57; Marlborough, ——; Everett, 7.35; Chicopee, ——; Woburn, ——; Newburyport, 7.41.

The total death rate for the week was 17.40, against 16.83 and 16.84 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 17, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	30.30	34	40	29	84	70	77	W.	W.		12	18		C.	C.			0.00
Monday, 12,	30.47	34	40	27	58	54	56	W.	W.		6	9		F.	C.			0.00
Tuesday, 13,	30.38	34	40	29	74	57	66	W.	S. W.		8	4		C.	O.			0.00
Wednes'y, 14,	30.04	36	41	32	82	89	86	E.	N.		9	14		R.	O.			0.26
Thursday, 15,	30.05	36	42	30	91	79	85	S. W.	W.		7	12		O.	C.			0.00
Friday, 16,	30.10	36	42	30	79	65	72	W.	W.		8	11		C.	C.			0.00
Saturday, 17,	29.93	36	43	30	73	67	70	W.	W.		7	7		F.	N.			Trace.
Week, - -	30.18	35.1	41.1	29.6	77.3	68.7	73.1											0.26

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 24, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 51.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 24, 1892.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	211	70	25	46	3	14	5
Worcester,	92,313	31	11	3	2	1	1	..
Lowell,	82,455	47	14	7	8	3	2	..
Fall River,	82,128	29	10	..	7	..	..	..
Cambridge,	74,644	24	8	5	7	1	2	1
Lynn,	60,809	14	..	5	1	..	2	..
Springfield,	47,052	..	..	..	..	..	..	..
Lawrence,	45,910	..	..	..	..	..	..	..
Somerville,	45,054	9	6	3	1	..	..	1
New Bedford,	44,947	22	7	3	1	1	1	..
Holyoke,	40,009	..	..	..	..	..	..	..
Brockton,	32,783	5	0	..	..	..	..	..
Salem,	31,495	7	..	1	..	1	..	..
Haverhill,	30,065	10	0	1	1	1	..	..
Chelsea,	29,479	10	2	1	1	1	..	..
Malden,	27,252	11	1	..	2	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	8	1	1	4	1	..	..
Gloucester,	26,008	7	2	1	..	..	..	..
Fitchburg,	25,444	7	3	1	..	..	..	..
Waltham,	20,942	6	1	1	3	..	..	1
Quincy,	18,669	1	1	1	..	..	1	..
Pittsfield,	18,294	4	..	2	1	1	1	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	2	0	1	..	..	..	1
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	6	0	1	..	..	..	1
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	5	1	1	1	1	..	..
Amesbury,	13,561	2	0	..	1	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	4	0	..	2	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	5	1	..	..	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	1	0	..	..	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,330,509	488	139	64	89	15	24	10

DEATHS FROM PREVALENT DISEASES IN THE 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-four deaths were reported from the principal infectious diseases: diphtheria and croup, 24; typhoid fever, 15; scarlet-fever, 10; cerebro-spinal meningitis, 7; diarrhœal diseases, puerperal fever and erysipelas, 2 each; whooping-cough and measles, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 89 deaths from acute lung diseases; consumption, 55; and still-births, 35.

From cerebro-spinal meningitis: Lynn and Somerville, 2 each; Worcester, Cambridge and Gloucester, 1 each. From diarrhœal diseases: Boston and Lowell, 1 each. From puerperal fever: Boston and New Bedford, 1 each. From erysipelas: Lynn and Fitchburg, 1 each. From whooping-cough: Boston, 1. From measles: Lowell, 1.

Deaths from the principal infectious diseases numbered 64, against 50 for the preceding week.

Deaths under five years of age numbered 139, against 130 for the preceding week.

Cases reported in Boston: measles, 94; scarlet-fever, 63; diphtheria, 46; and typhoid fever, 12.

The death rates for the week were: Boston, 23.36; Worcester, 17.45; Lowell, 29.63; Fall River, 18.35; Cambridge, 16.71; Lynn, 12.39; Springfield, ——; Lawrence, ——; Somerville, 10.38; New Bedford, 25.45; Holyoke, ——; Brockton, 7.93; Salem, 11.55; Haverhill, 17.29; Chelsea, 17.63; Malden, 20.98; Newton, ——; Taunton, 15.72; Gloucester, 13.99; Fitchburg, 14.30; Waltham, 14.69; Quincy, 2.78; Pittsfield, 11.36; North Adams, ——; Northampton, 6.63; Marlborough, ——; Everett, 22.05; Chicopee, ——; Woburn, ——; Newburyport, 18.53.

The total death rate for the week was 19.07, against 17.40 and 16.83 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 24, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	29.97	28	34	23	61	53	57	N.W.	S. W.		9	6		C.	O.			Trace.
Monday, 19,	29.85	38	44	31	71	74	72	S. W.	S. W.		12	11		O.	O.			0.00
Tuesday, 20,	29.84	27	34	20	91	48	70	W.	N.W.		7	14		N.	C.			0.08
Wednes'y, 21,	30.18	23	32	14	60	64	62	W.	W.		9	16		F.	C.			0.00
Thursday, 22,	30.06	23	28	18	61	43	52	W.	W.		9	18		C.	C.			0.00
Friday, 23,	29.79	21	28	14	66	62	64	S. W.	W.		20	12		F.	C.			0.00
Saturday, 24,	29.58	6	13	0	94	52	73	N.W.	N.W.		22	24		N.	C.			Trace.
Week, - -	29.90	23.7	30.4	17.1	72.0	56.6	64.4											0.08

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 31, 1892.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. X. No. 52.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
JOHN M. RAYMOND, Esq., Salem.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
Gen. MORRIS SCHAFF, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 31, 1892.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population for 1892.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	469,645	274	71	27	57	2	18	4
Worcester,	92,313	38	10	7	7	..	1	1
Lowell,	82,455	36	14	11	4	7	3	..
Fall River,	82,128	34	13	4	4	..	4	..
Cambridge,	74,644	29	7	2	6	..	1	..
Lynn,	60,809	25	..	3	1	..	1	..
Springfield,	47,052	24	6	3	6	1	2	4
Lawrence,	45,910	33	13	6	7	..	1	1
Somerville,	45,054	8	5	2	1	..	..	..
New Bedford,	44,947	15	7	1	4	..	..	..
Holyoke,	40,099	..	..	..	..	..	..	..
Brockton,	32,783	10	2	1	1	..	1	..
Salem,	31,495	14	1	2	2	1	..	1
Haverhill,	30,065	9	1	1	..	1	..	..
Chelsea,	29,479	14	6	2	4	1	1	..
Malden,	27,252	5	1	..	..	..	..	..
Newton,	26,498	..	..	..	..	..	..	..
Taunton,	26,464	12	2	1	1	..	..	..
Gloucester,	26,008	3	2	..	..	..	..	..
Fitchburg,	25,444	6	2	1	1	..	1	..
Waltham,	20,942	1	0	..	..	..	..	..
Quincy,	18,669	7	1	..	1	..	..	..
Pittsfield,	18,294	1	1	1	..	..	1	..
North Adams,	17,930	..	..	..	..	..	..	..
Northampton,	15,684	5	2	..	..	..	..	..
Marlborough,	14,808	..	..	..	..	..	..	..
Everett,	14,745	4	1	1	1	..	1	..
Chicopee,	14.738	..	..	..	..	..	..	..
Woburn,	14,133	..	..	..	..	..	..	..
Newburyport,	14,031	6	5	2	..	..	2	..
Amesbury,	13,561	3	0	..	..	..	..	..
Brookline,	13,319	..	..	..	..	..	..	..
Medford,	12,105	3	1	..	..	..	..	..
Beverly,	11,426	..	..	..	..	..	..	..
Hyde Park,	11,086	4	0	..	1	..	..	..
Clinton,	11,045	..	..	..	..	..	..	..
Weymouth,	10,927	..	..	..	..	..	..	..
Peabody,	10,412	..	..	..	..	..	..	..
Adams,	10,407	3	2	..	2	..	..	..
Westfield,	10,378	..	..	..	..	..	..	..
Framingham,	10,130	..	..	..	..	..	..	..
Melrose,	10,000	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,423,471	636	176	78	111	13	38	11

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 38; typhoid fever, 13; scarlet-fever, 11; cerebro-spinal meningitis, 6; diarrhœal diseases, 6; erysipelas, 2; measles, whooping-cough and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 111 deaths from acute lung diseases; consumption, 62; and still-births, 37.

From cerebro-spinal meningitis: Worcester, 4; Lynn, 2. From diarrhœal diseases: Boston, Worcester, Lowell, Lawrence, Salem and Taunton, 1 each. From erysipelas: Boston and Somerville, 1 each. From measles: Boston, 1. From whooping-cough: New Bedford, 1. From puerperal fever: Cambridge, 1.

Deaths from the principal infectious diseases numbered 78, against 64 for the preceding week.

Deaths under five years of age numbered 176, against 139 for the preceding week.

Cases reported in Boston: measles, 63; scarlet-fever, 42; diphtheria, 38; and typhoid fever, 4.

The death rates for the week were: Boston, 30.33; Worcester, 21.39; Lowell, 22.70; Fall River, 21.52; Cambridge, 20.20; Lynn, 22.12; Springfield, 26.52; Lawrence, 37.42; Somerville, 9.23; New Bedford, 17.35; Holyoke, ——; Brockton, 15.86; Salem, 23.11; Haverhill, 15.56; Chelsea, 24.68; Malden, 9.54; Newton, ——; Taunton, 23.58; Gloucester, 11.99; Fitchburg, 12.25; Waltham, 2.48; Quincy, 19.49; Pittsfield, 2.84; North Adams, ——; Northampton, 16.56; Marlborough, ——; Everett, 14.70; Chicopee, ——; Woburn, ——; Newburyport, 22.23.

The total death rate for the week was 23.23, against 19.07 and 17.40 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 31, 1892.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 25,	29.54	18	26	10	41	71	56	W.	S. W.		20	13		O.	O.			Trace.
Monday, 26,	29.78	11	16	6	49	57	53	W.	W.		14	16		C.	C.			0.00
Tuesday, 27,	29.98	18	28	8	61	60	60	W.	N.		9	12		F.	O.			0.00
Wednes'y, 28,	30.09	20	28	12	42	60	51	N.	N.W.		17	11		O.	C.			0.00
Thursday, 29,	30.27	27	34	20	65	52	58	N.	N.		14	7		O.	C.			0.00
Friday, 30,	30.35	29	38	20	65	75	70	N.W.	S. E.		7	5		C.	C.			0.00
Saturday, 31,	30.20	30	38	21	73	47	60	N.W.	S. W.		3	7		O.	O.			0.00
Week, - -	30.03	21.9	29.7	13.9	56.6	60.3	58.3											Trace.

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

J. HOLZER,
BINDER,
BOSTON, MASS.